

FIG. 1 is a schematic diagram of a system 100, including a first device 105, a second device 110, a third device 115, a fourth device 120, and a fifth device 125. The first device 105 is connected to the second device 110 via a first connection 130. The first device 105 is also connected to the third device 115 via a second connection 135. The first device 105 is further connected to the fourth device 120 via a third connection 160. The first device 105 is also connected to the fifth device 125 via a fourth connection 175. The second device 110 is connected to the third device 115 via a fifth connection 140. The second device 110 is also connected to the fourth device 120 via a sixth connection 150. The third device 115 is connected to the fourth device 120 via a seventh connection 155. The third device 115 is also connected to the fifth device 125 via an eighth connection 170. The fourth device 120 is connected to the fifth device 125 via a ninth connection 180.

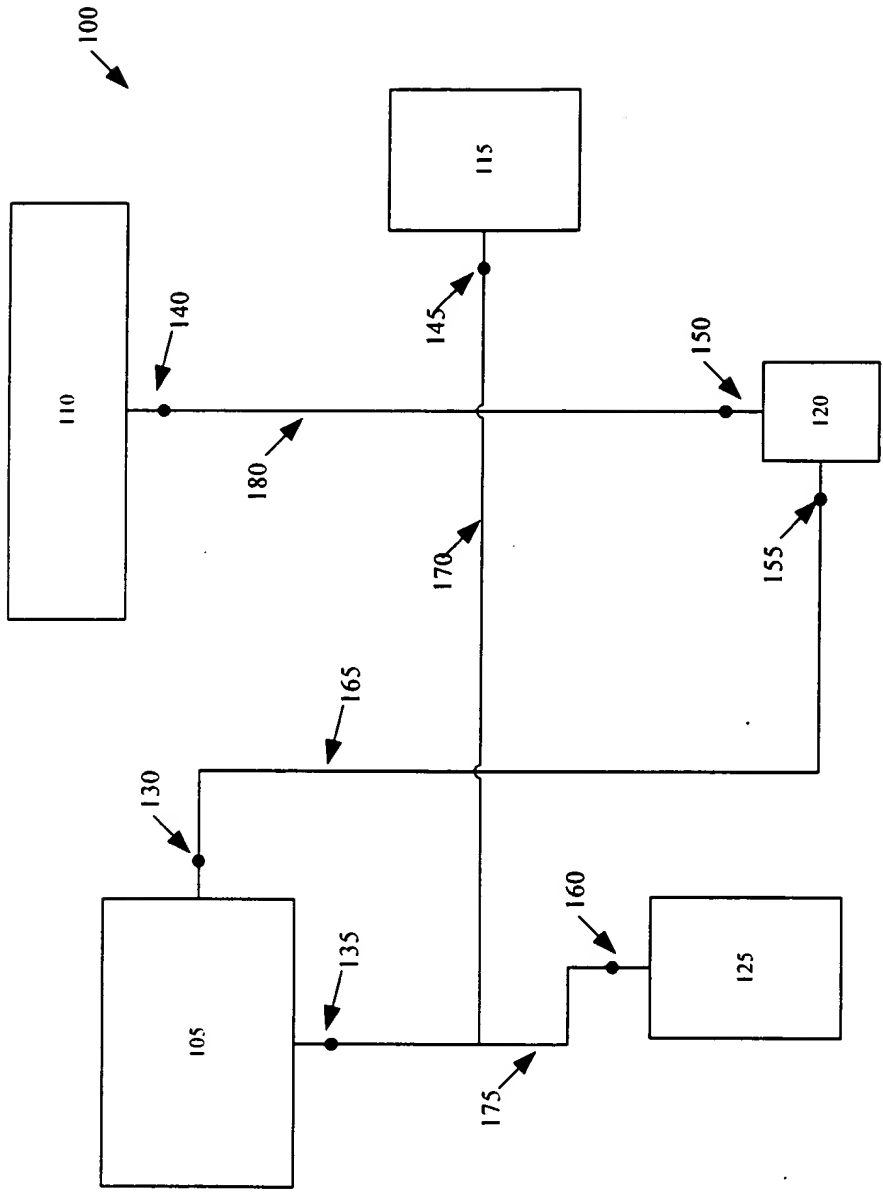


Figure 1

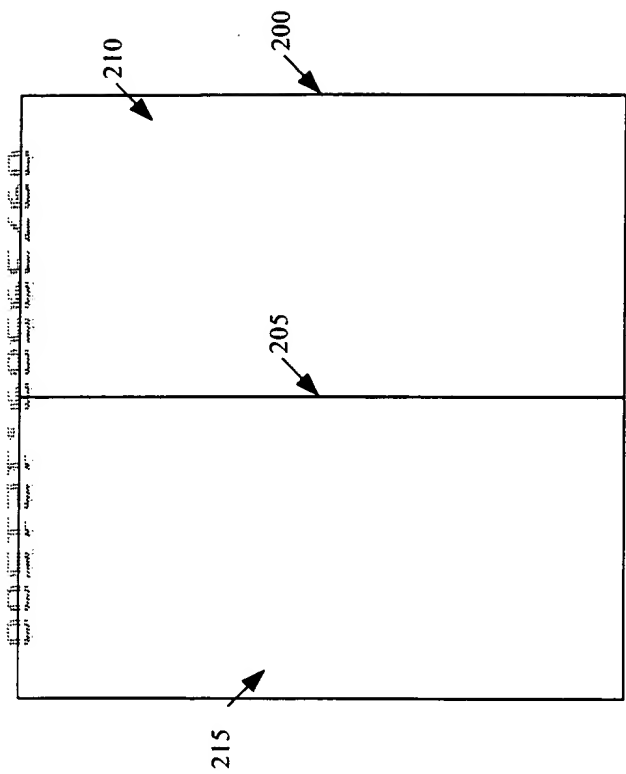


Figure 2

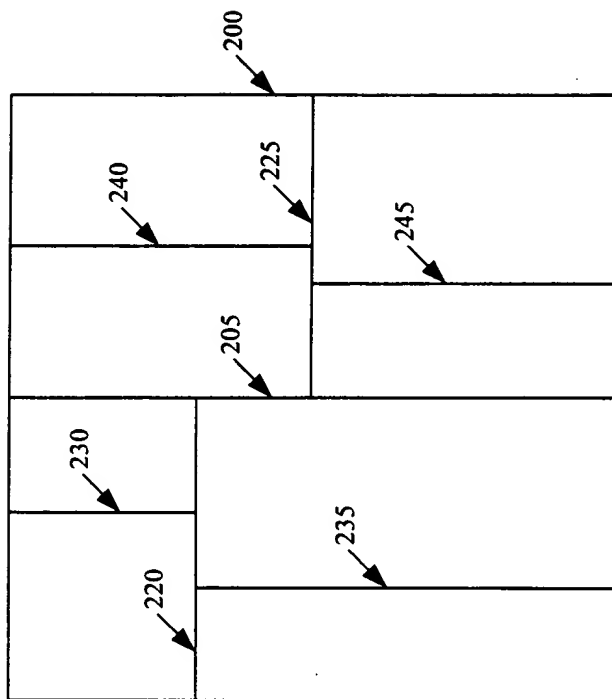


Figure 3

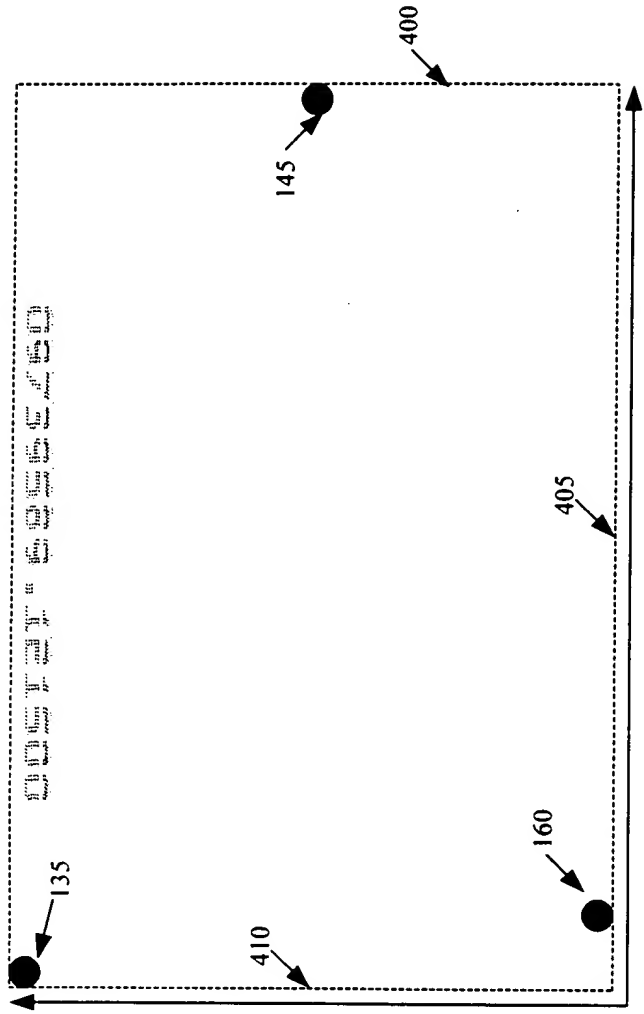


Figure 4

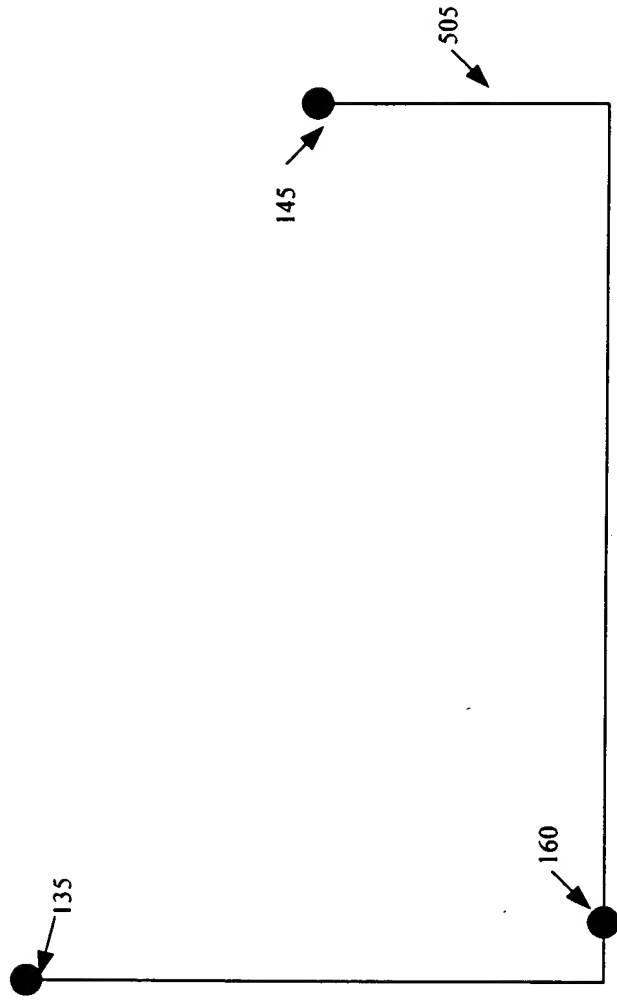
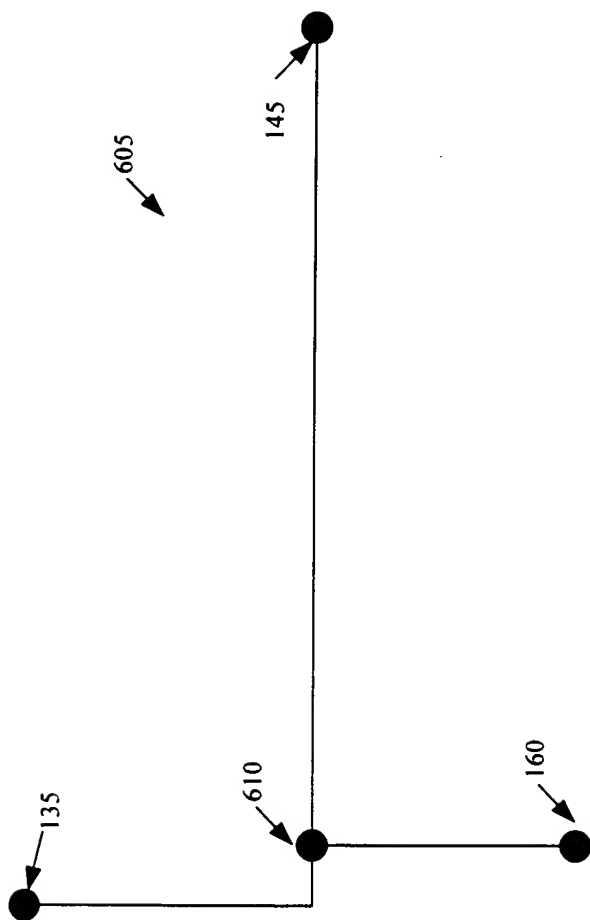


Figure 5



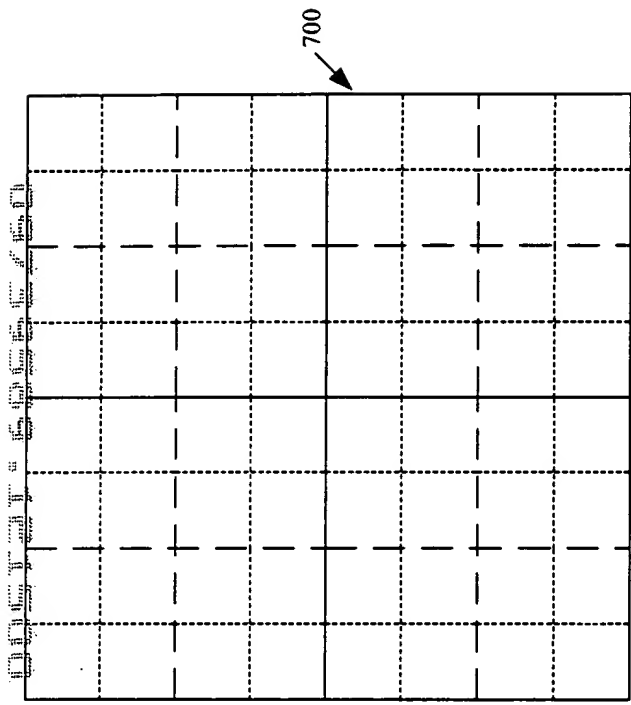


Figure 7

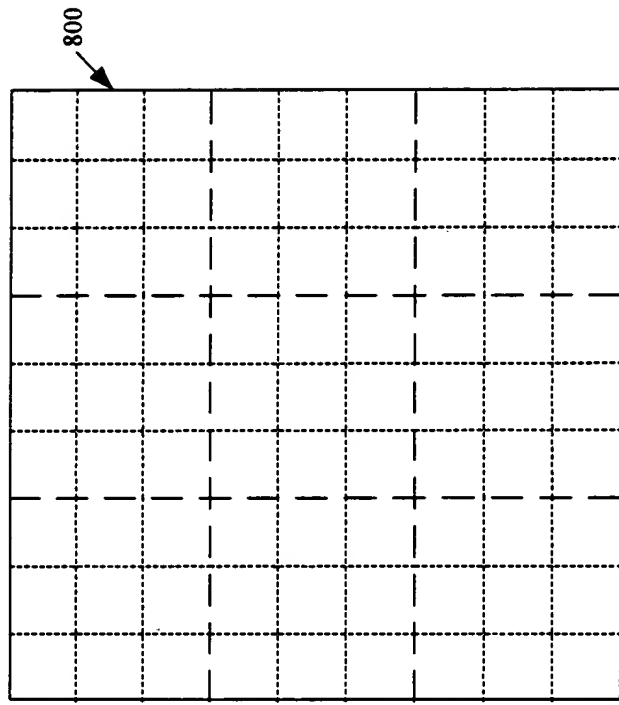


Figure 8

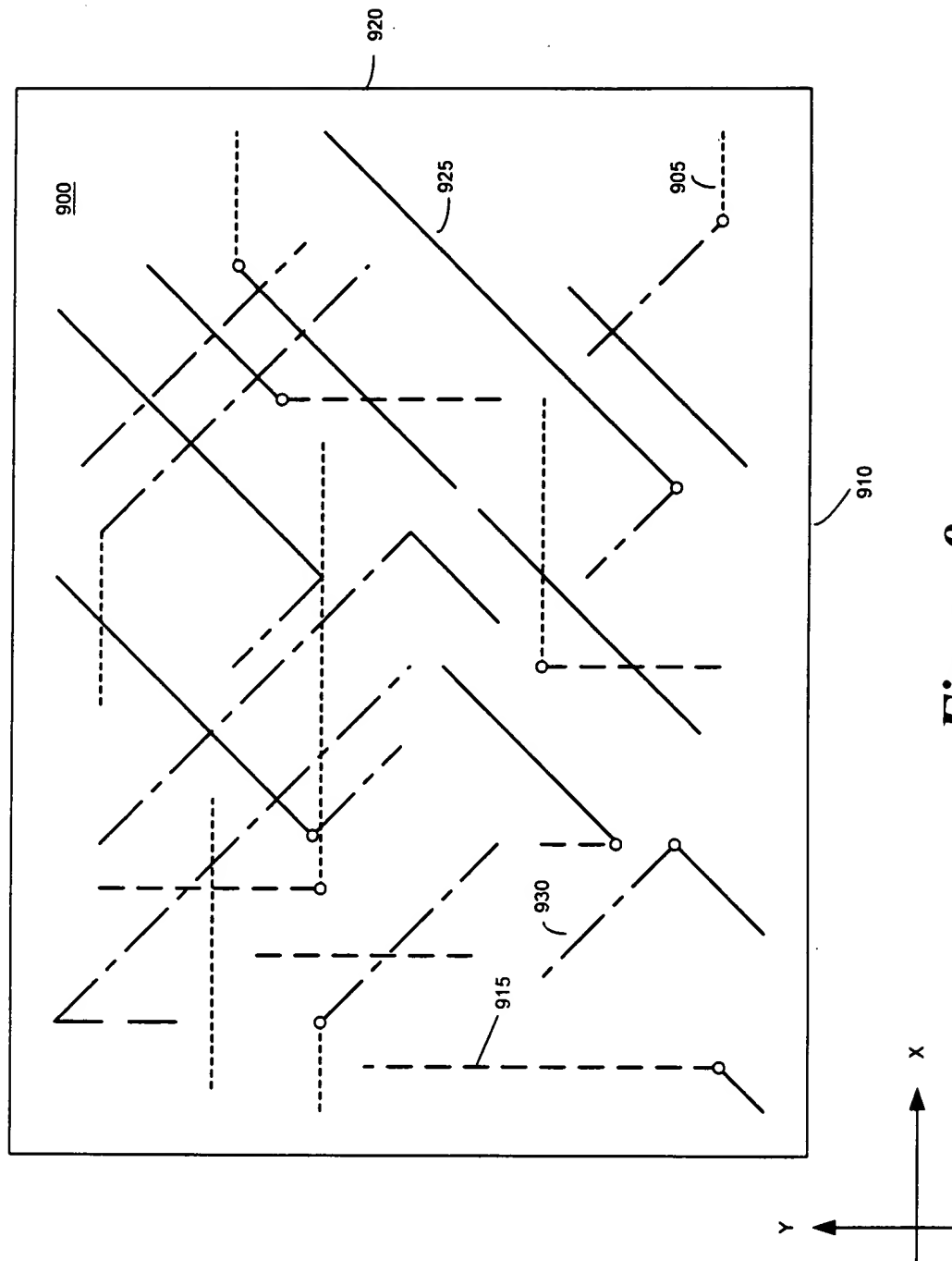


Figure 9

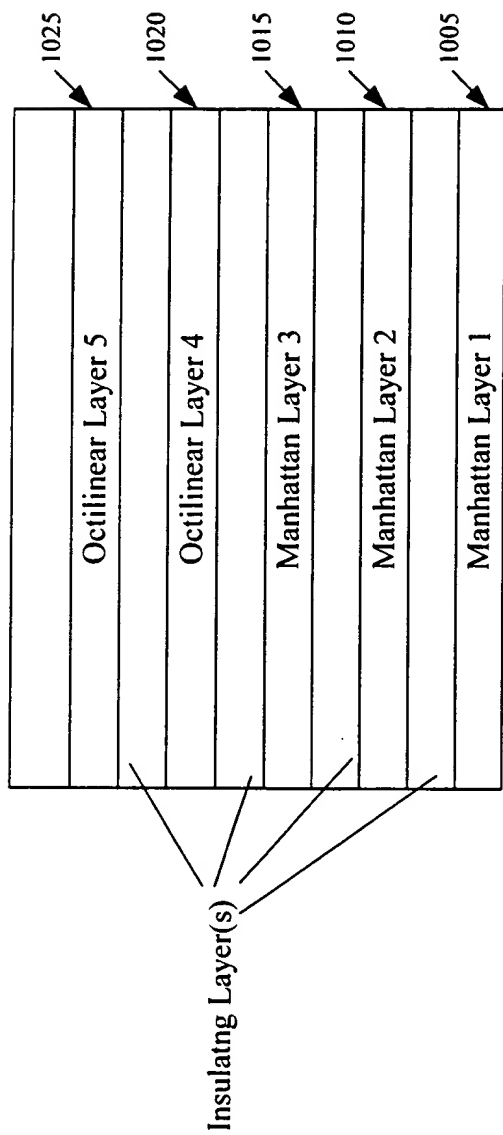


Figure 10

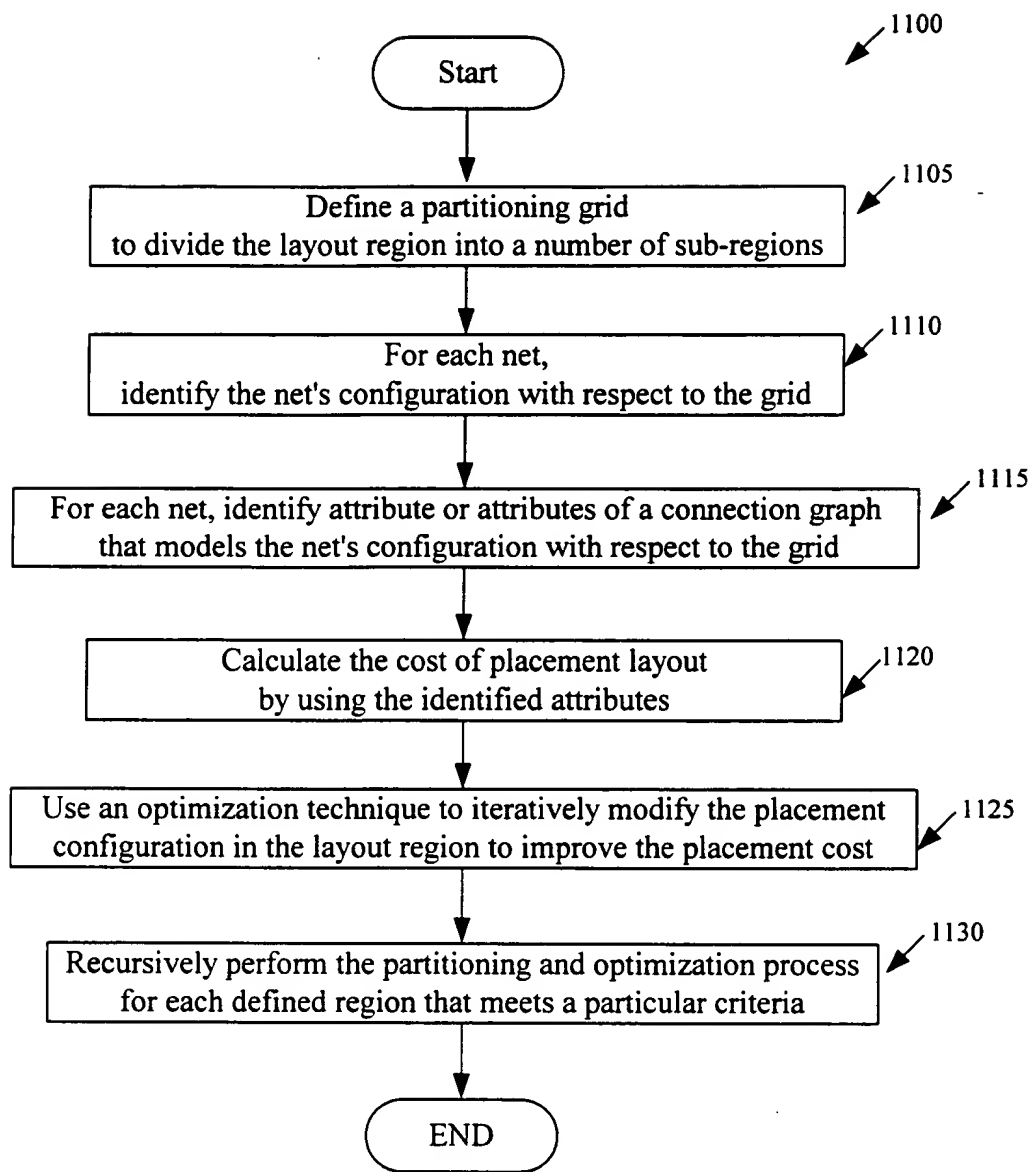


Figure 11

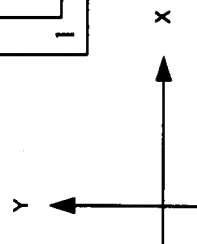


Figure 12

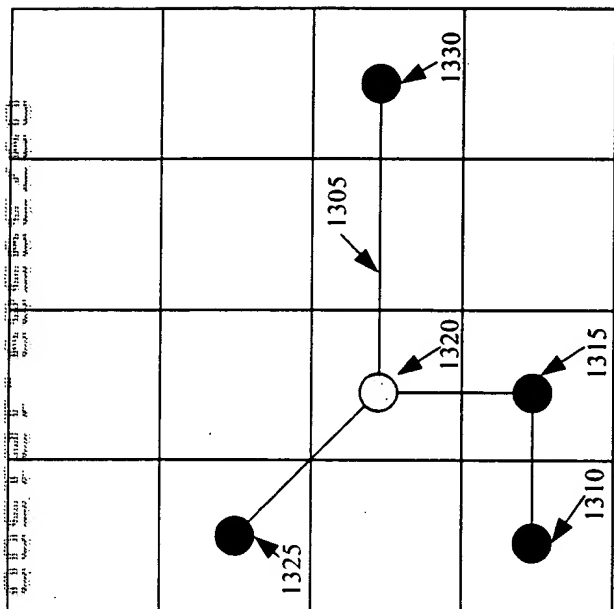


Figure 13

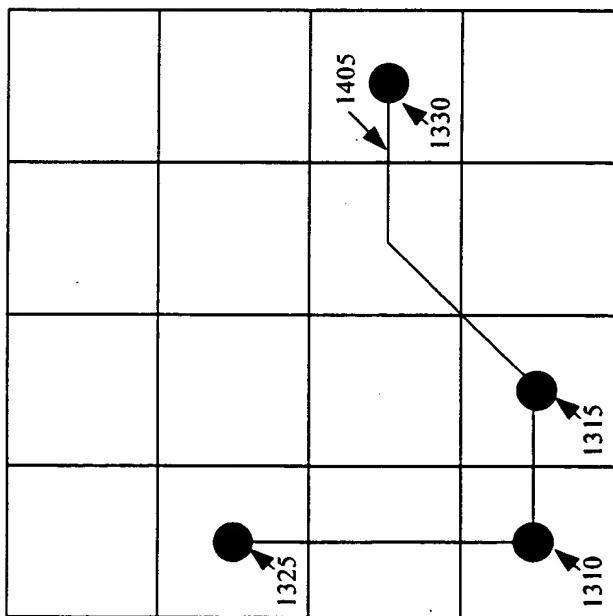


Figure 14

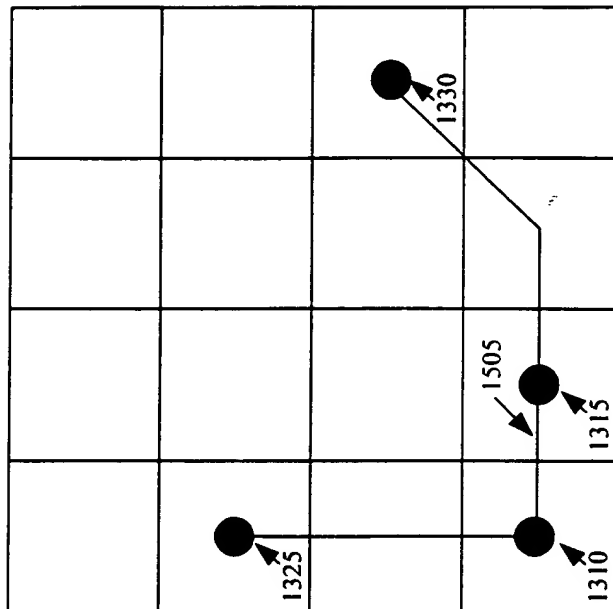


Figure 15



Figure 16

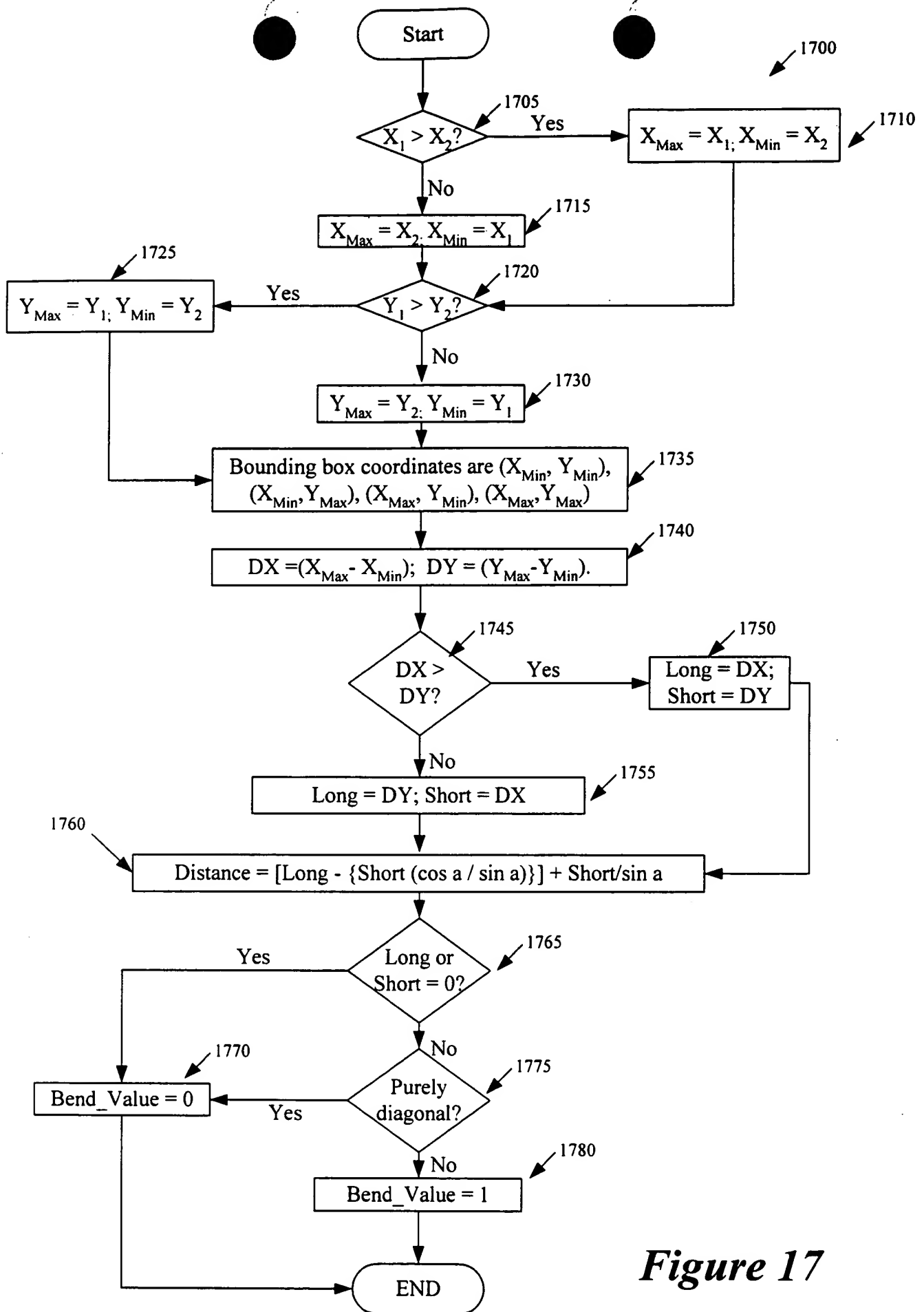


Figure 17

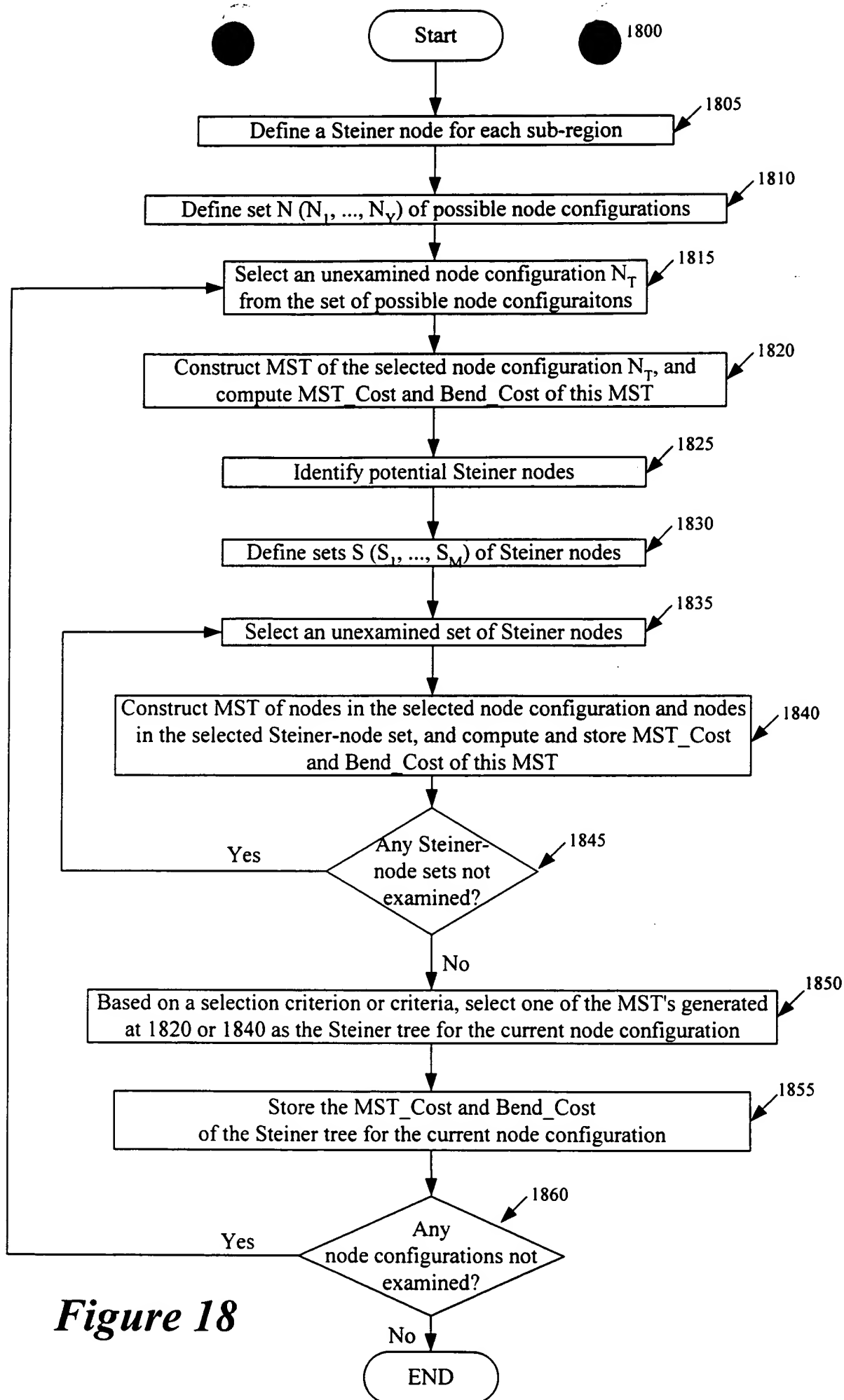


Figure 18

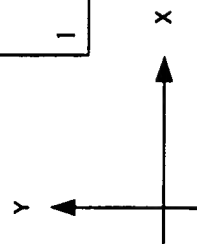
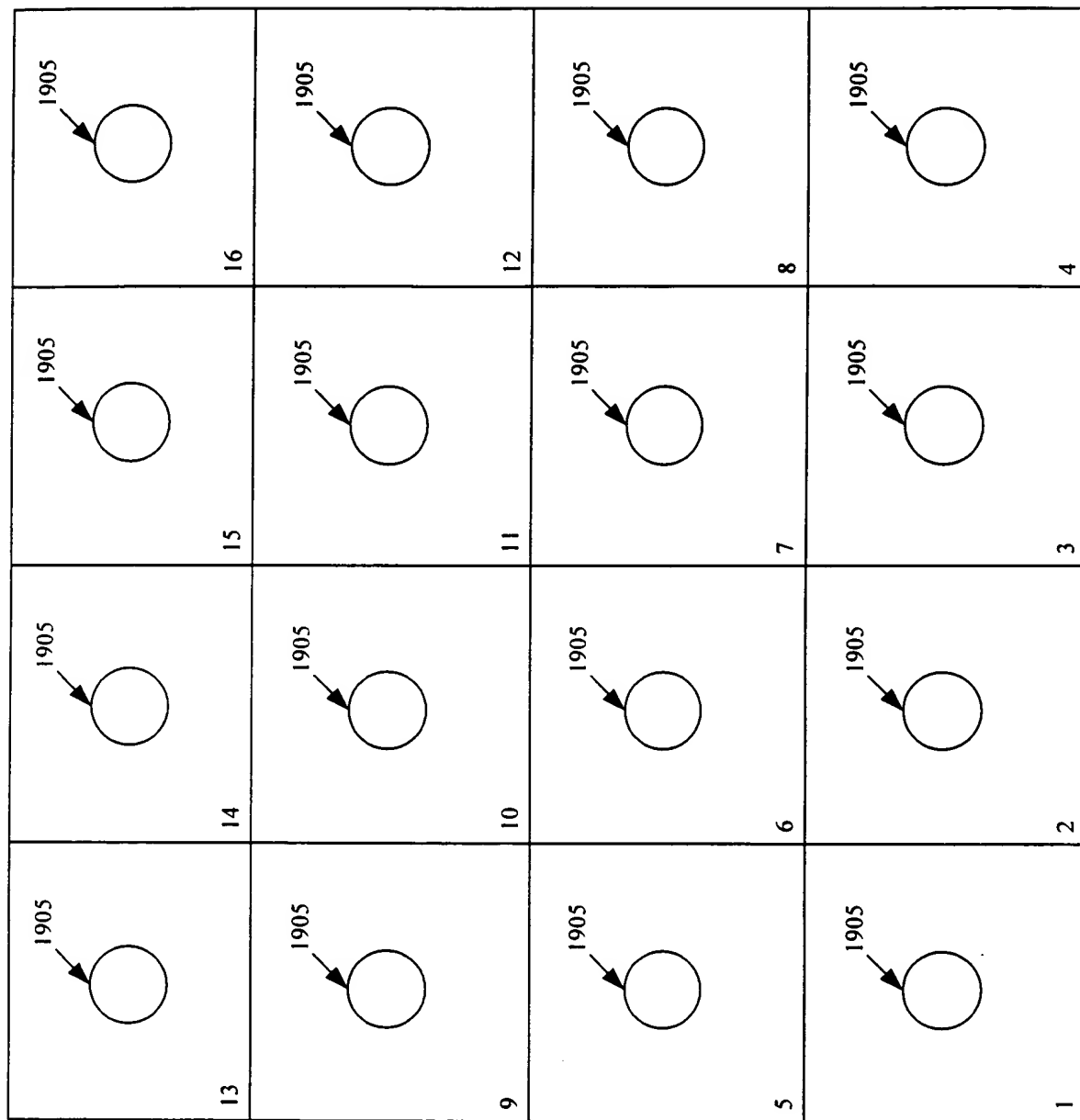


Figure 19

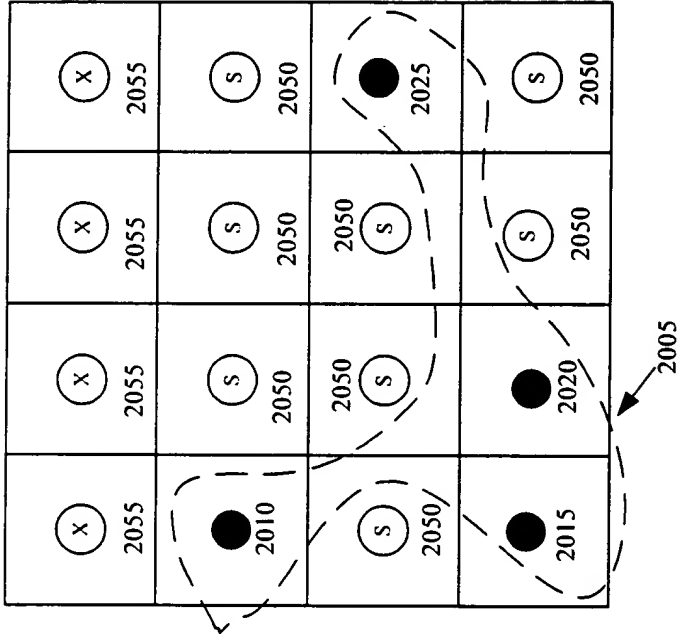


Figure 20

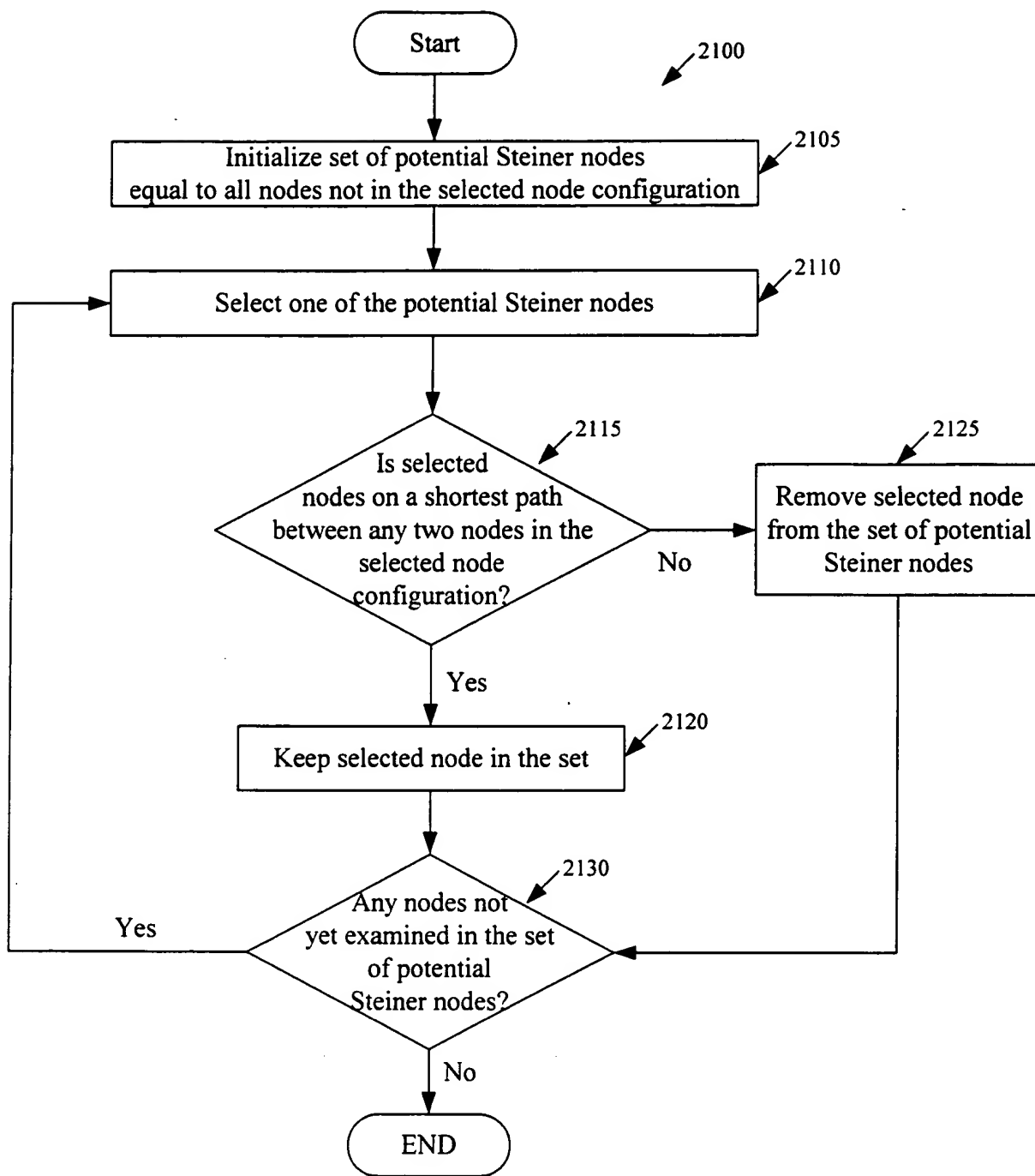


Figure 21

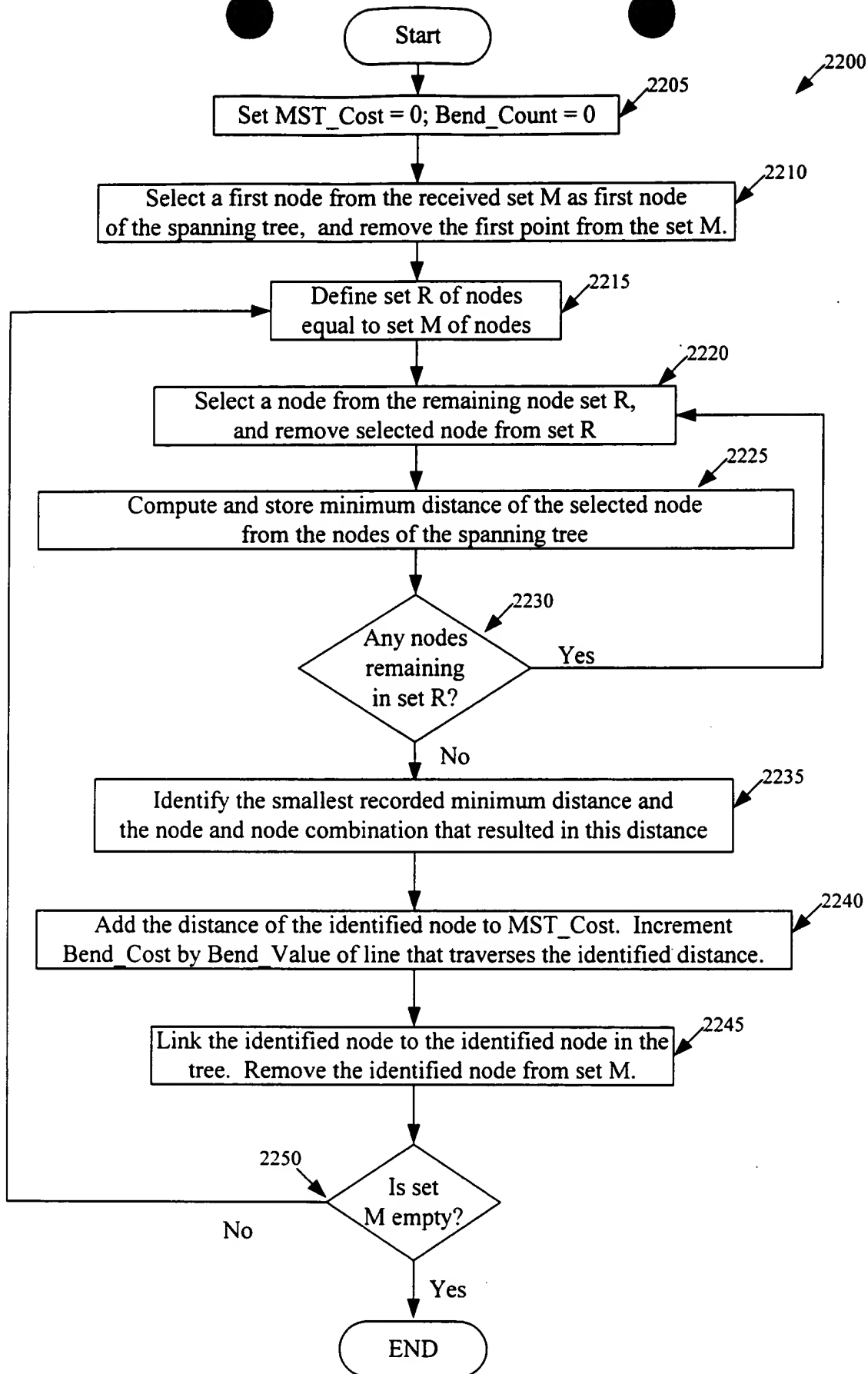


Figure 22

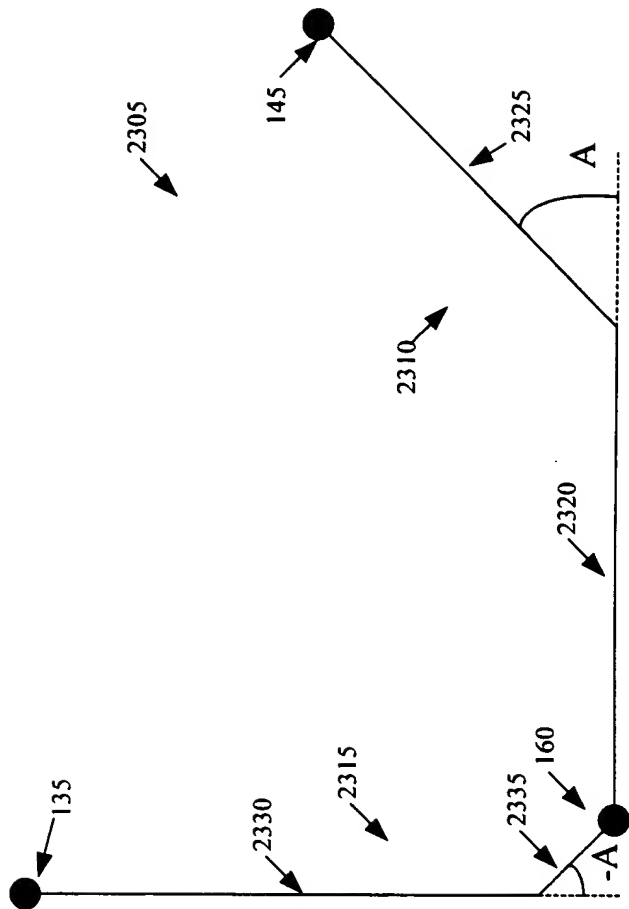


Figure 23

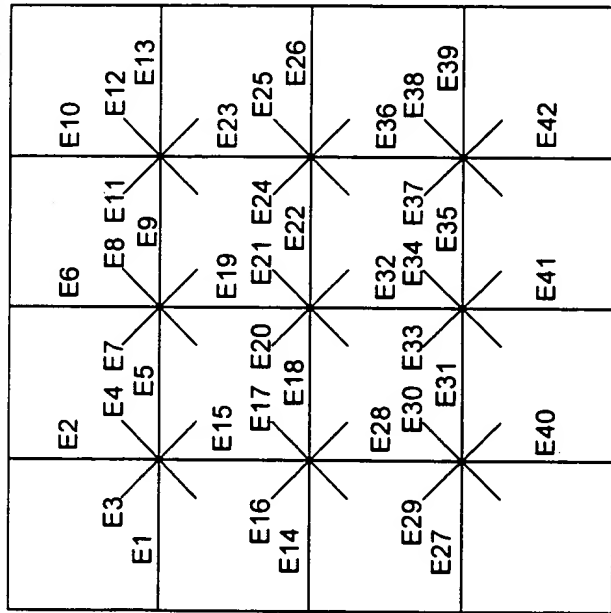


Figure 24

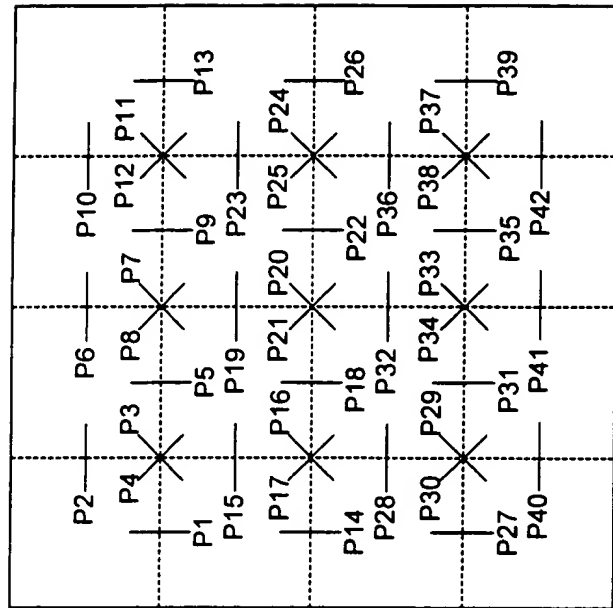


Figure 25

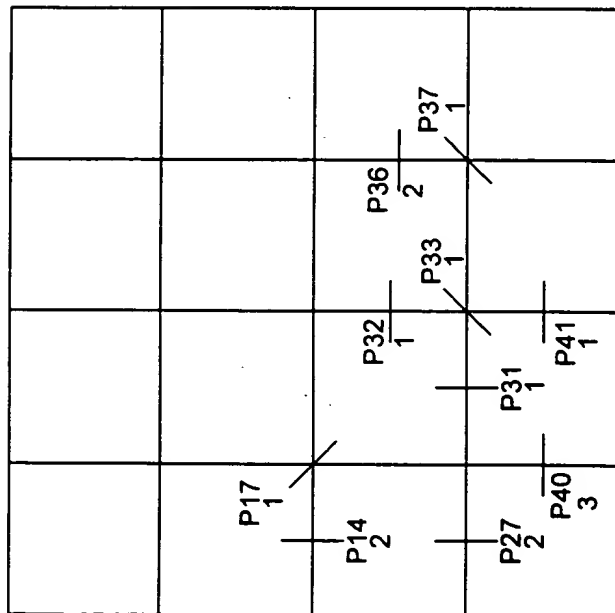


Figure 26

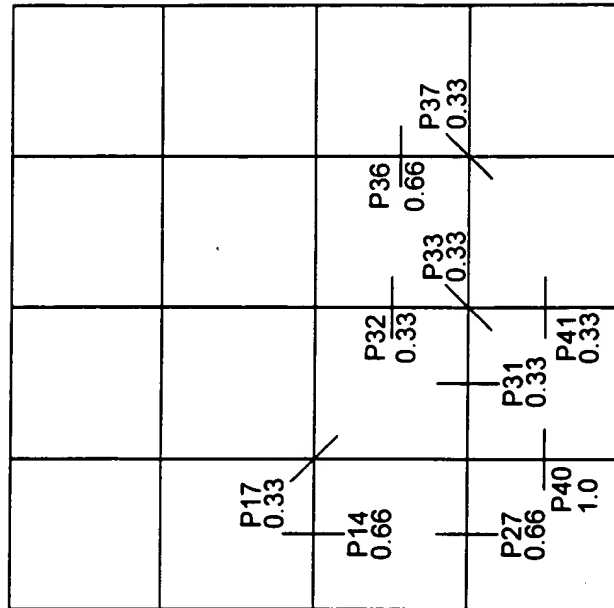


Figure 27

E14 2	E17 1	E32 1	E36 2
E27 2	E31 1	E33 1	E37 1
E40 3	E41 1		

Figure 28

E14 0.66	E17 0.33	E32 0.33	E36 0.66
E27 0.66	E31 0.33	E33 0.33	E37 0.33
E40 1.0	E41 0.33		

Figure 29

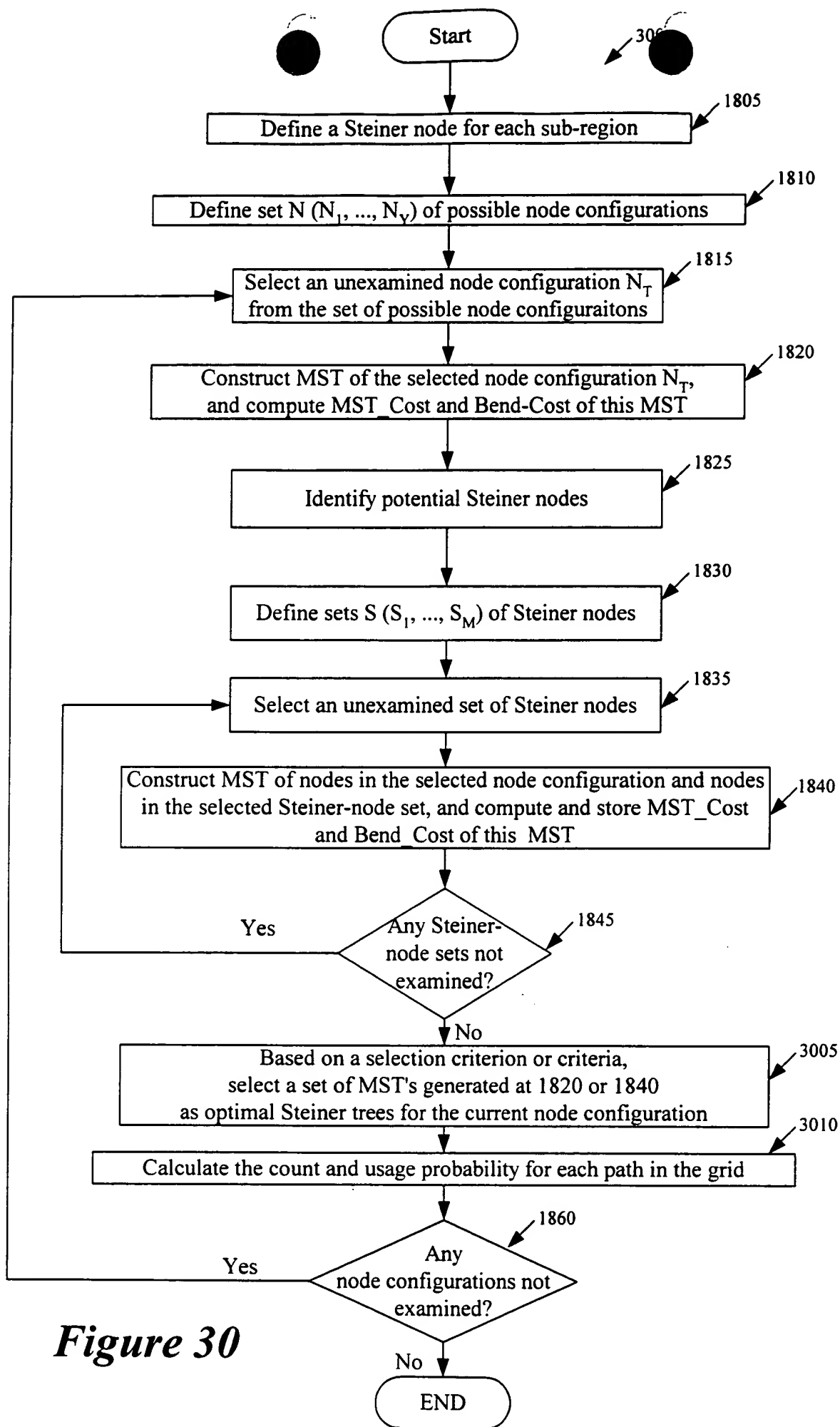


Figure 30

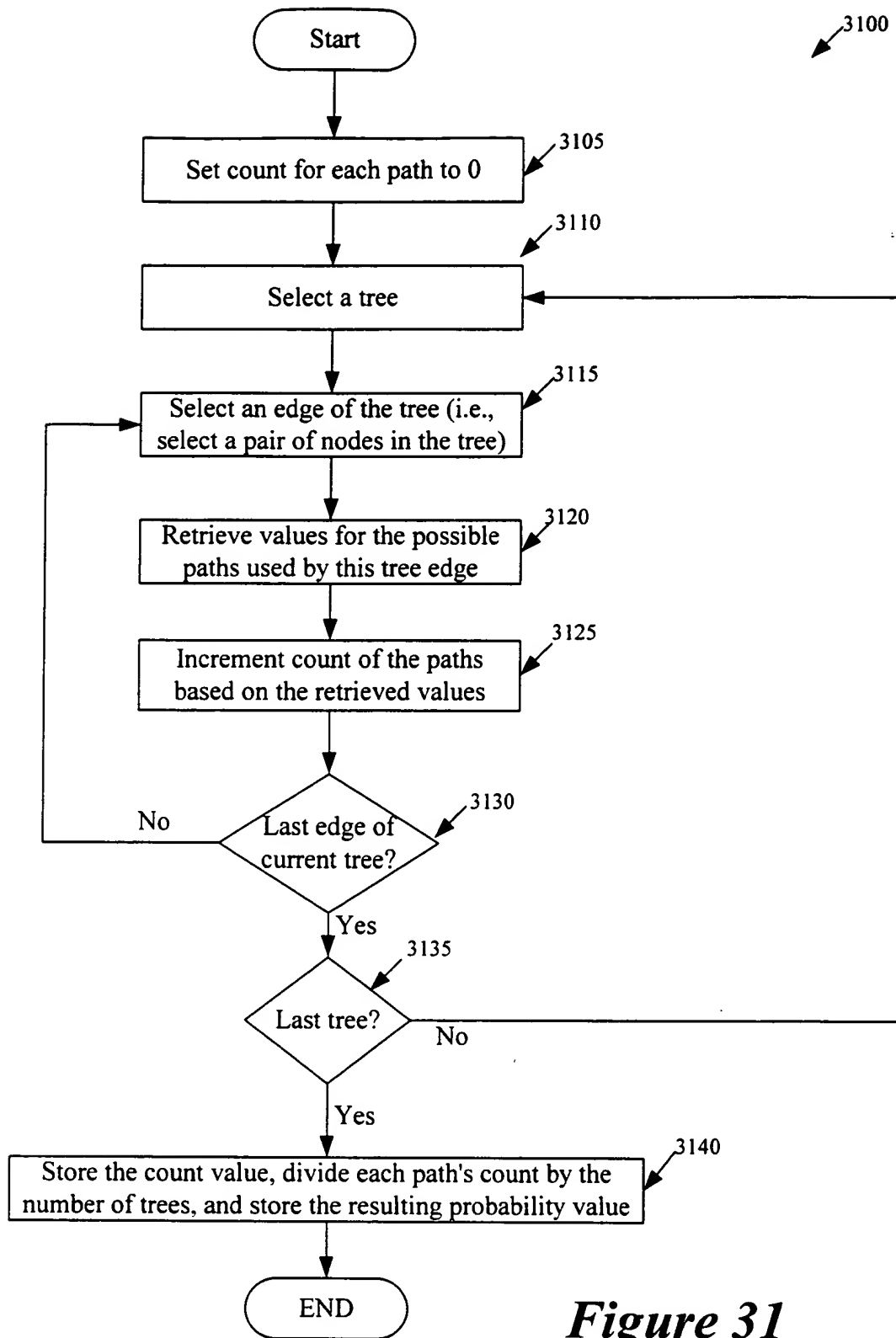


Figure 31

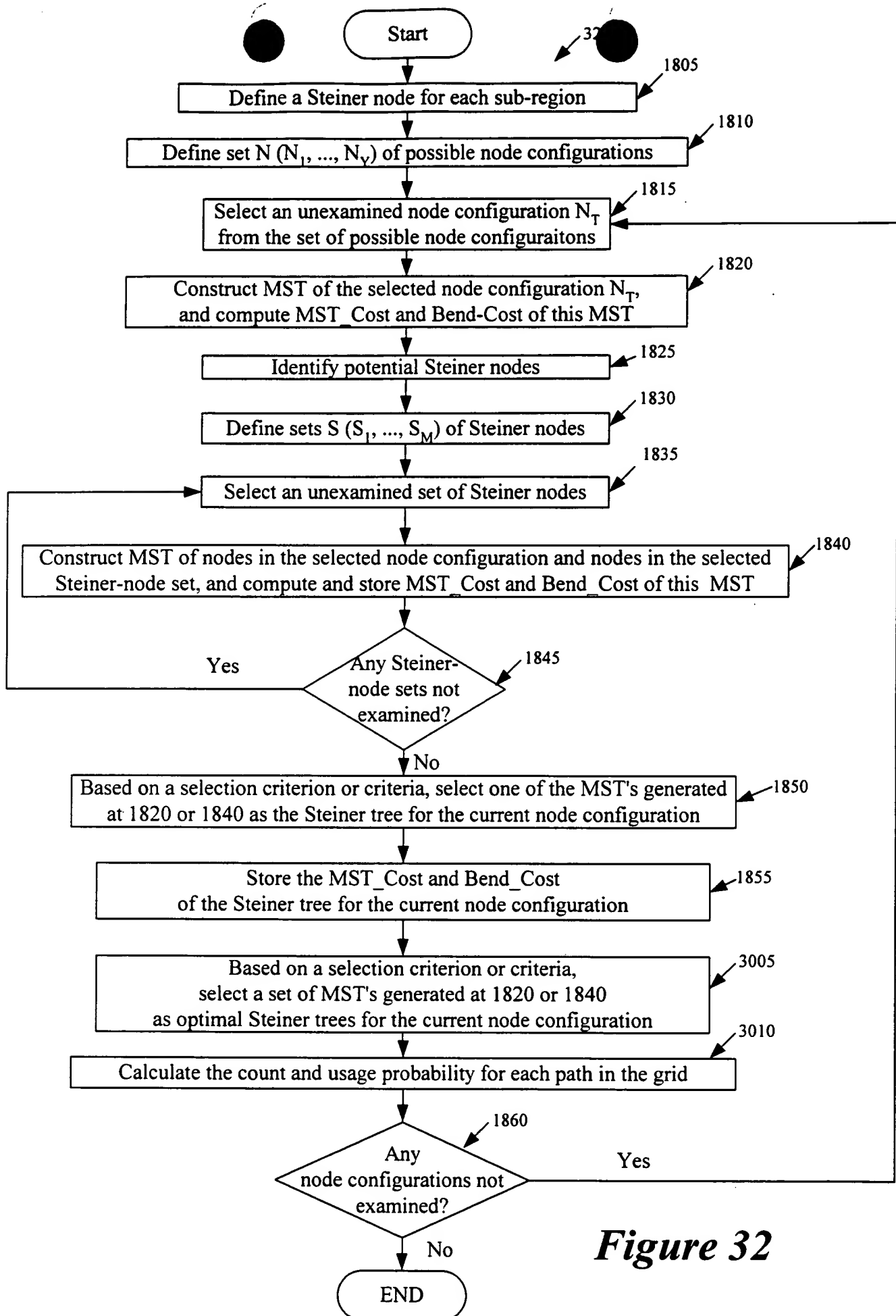


Figure 32

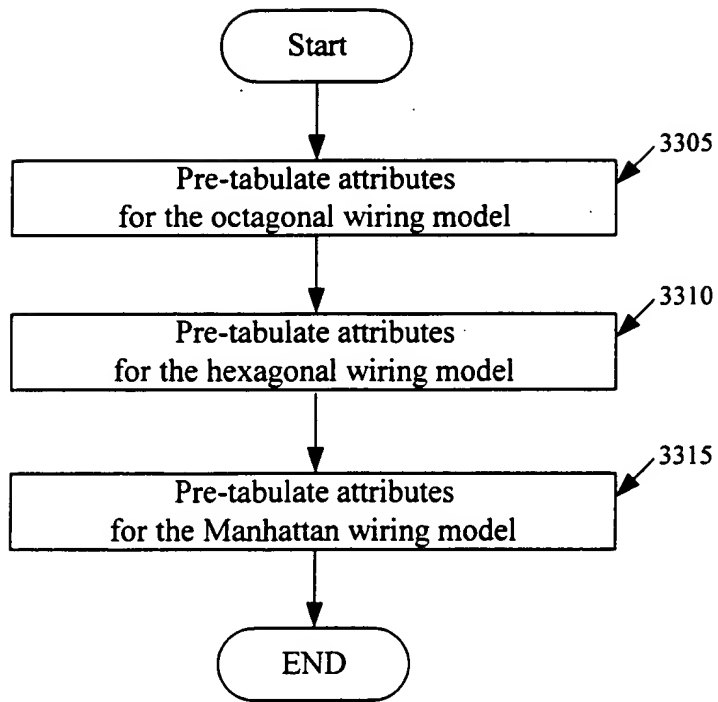


Figure 33

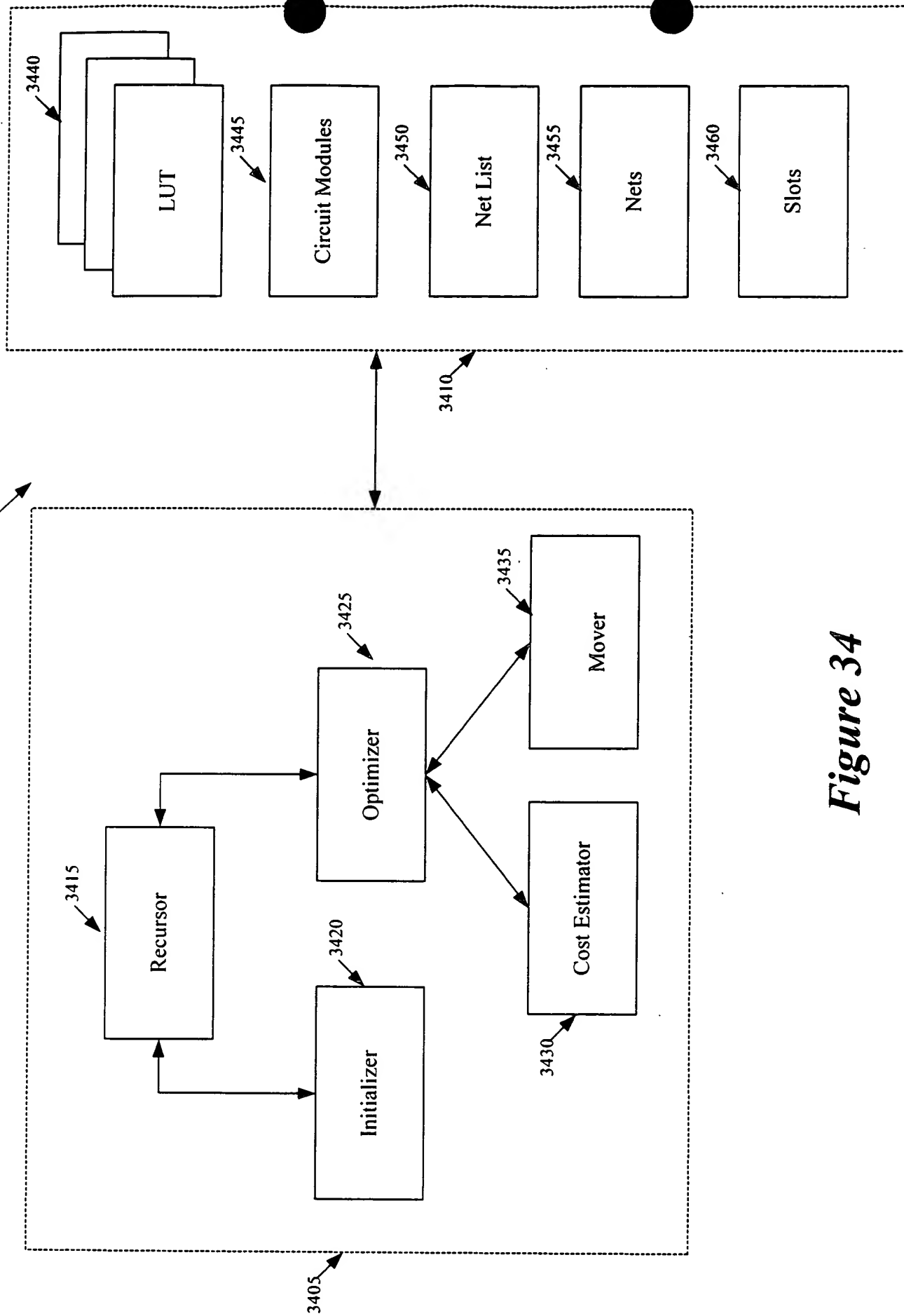


Figure 34

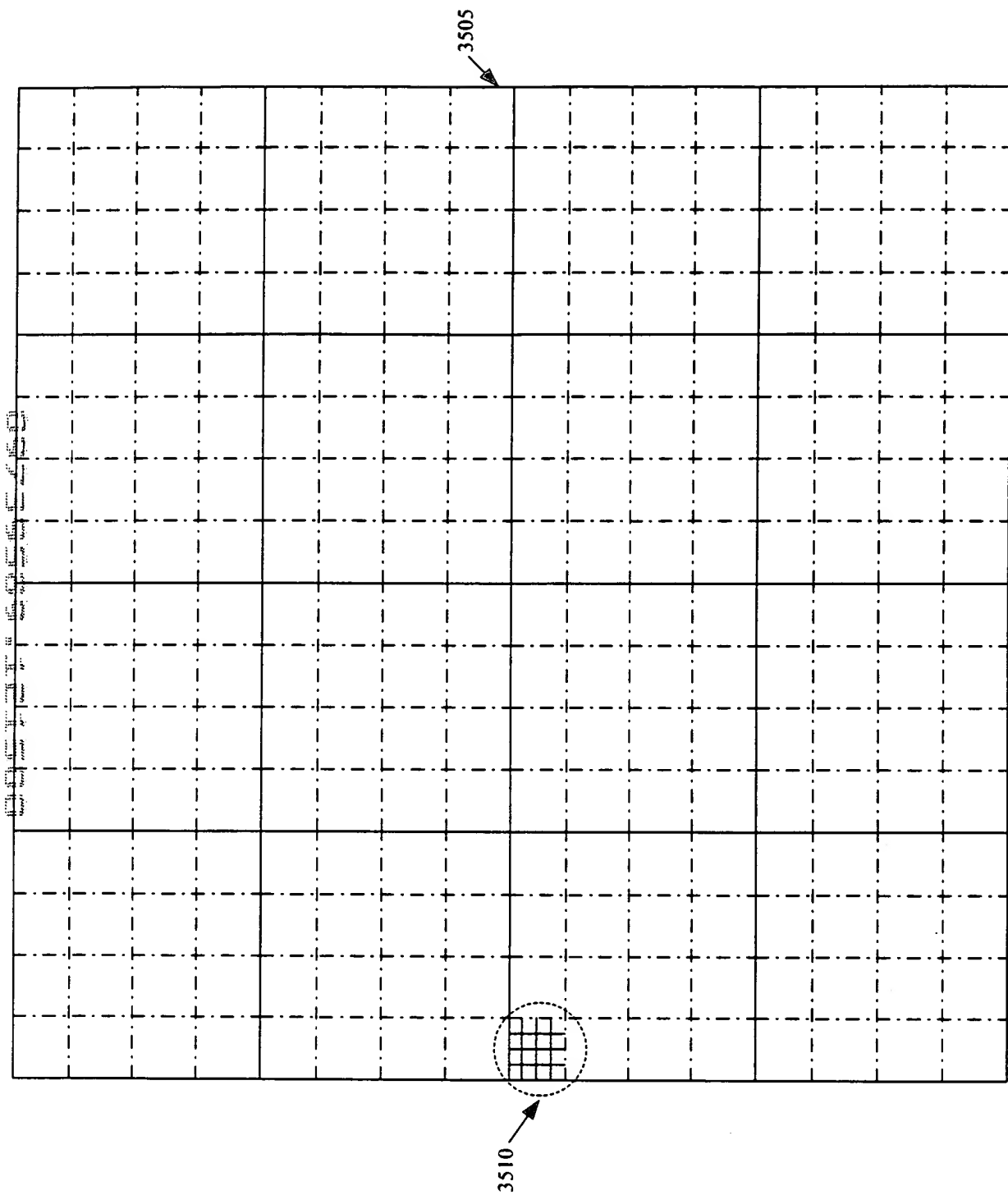


Figure 35

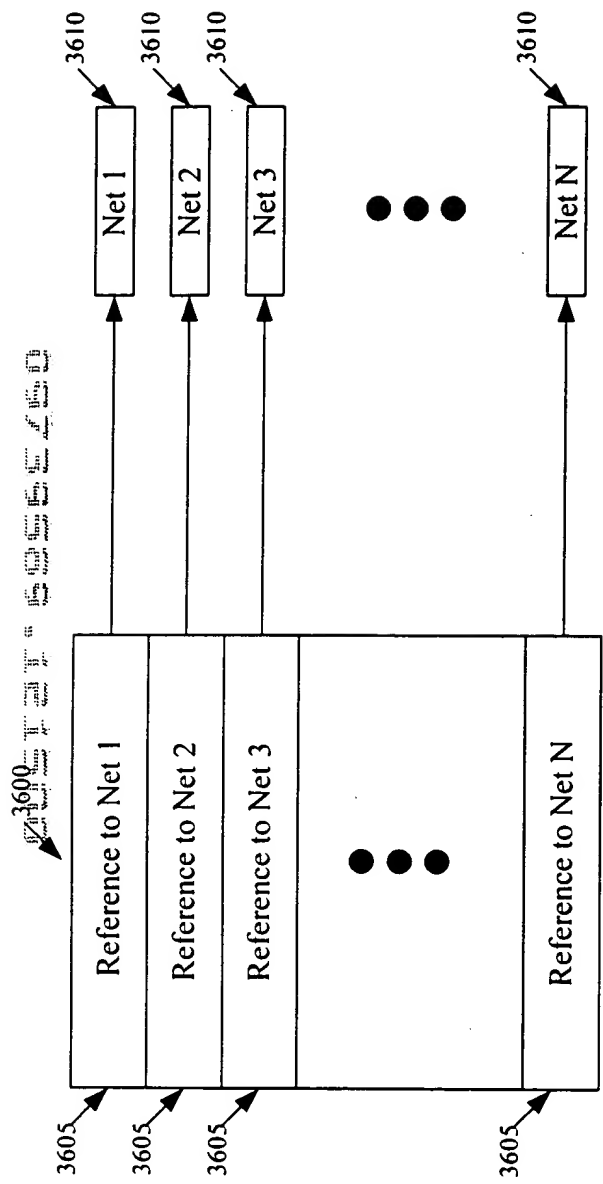


Figure 36

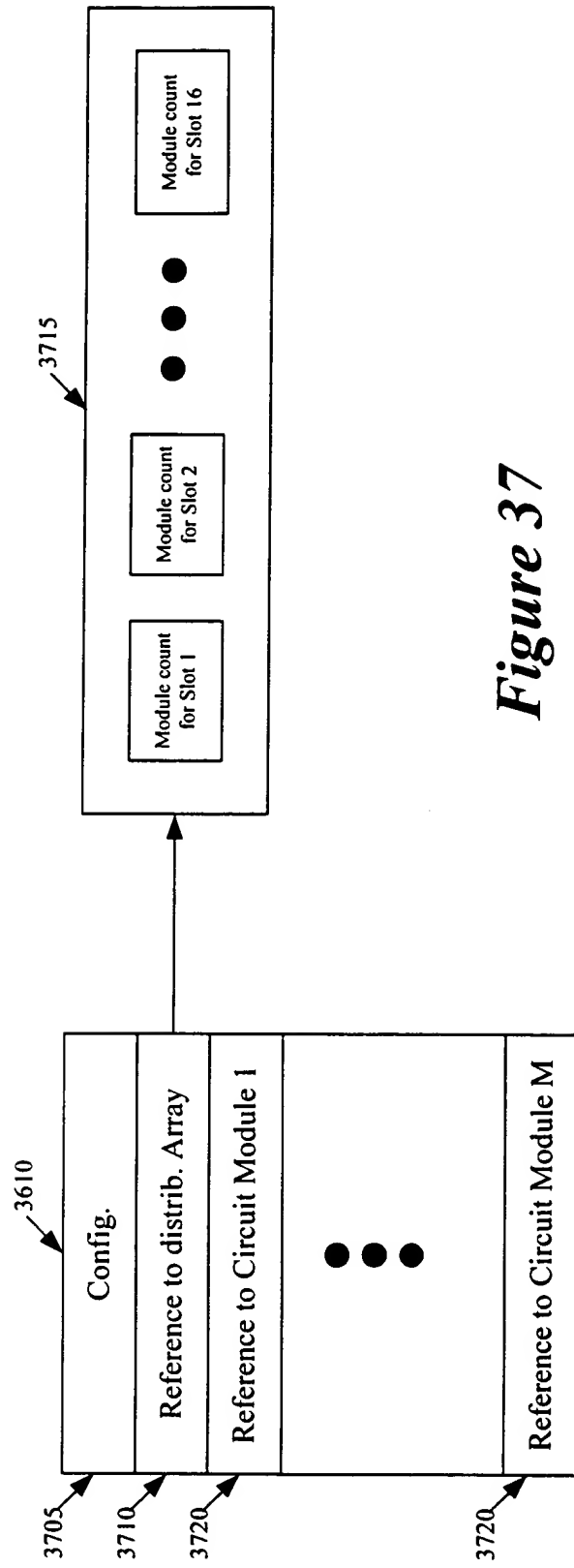


Figure 37

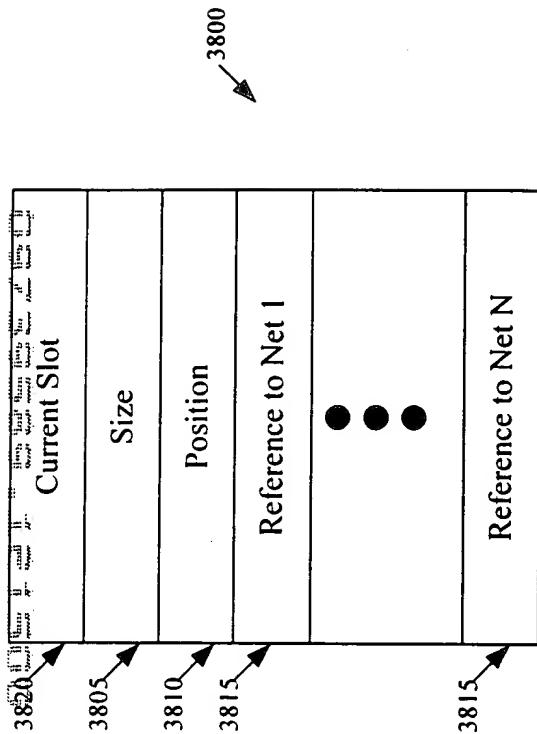


Figure 38

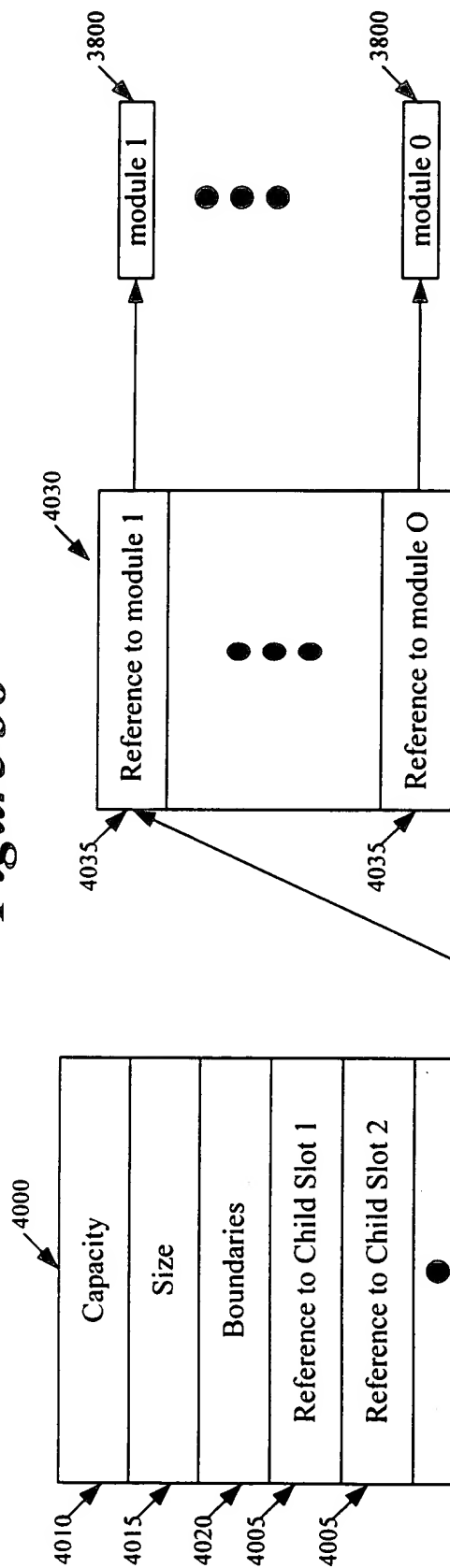


Figure 40

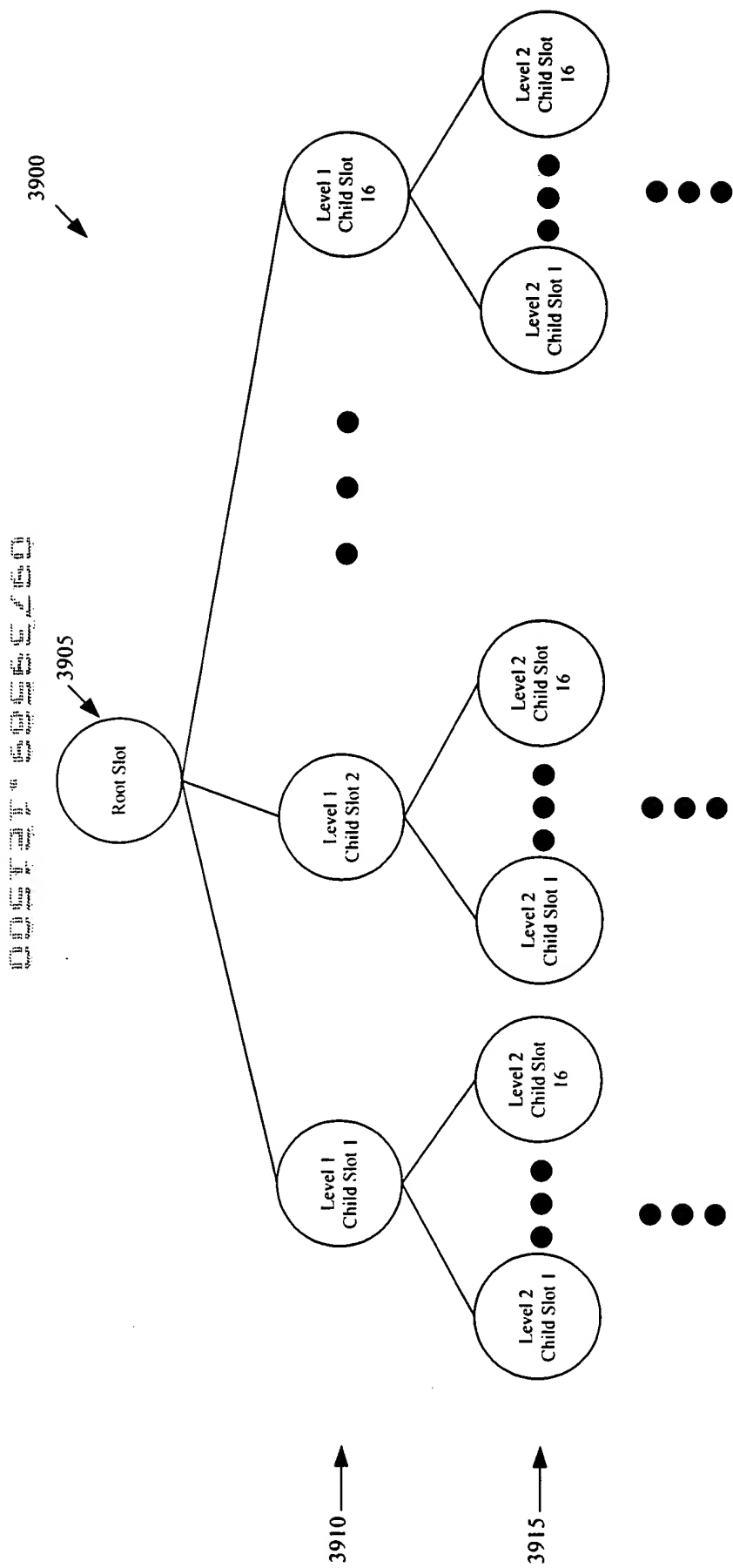


Figure 39

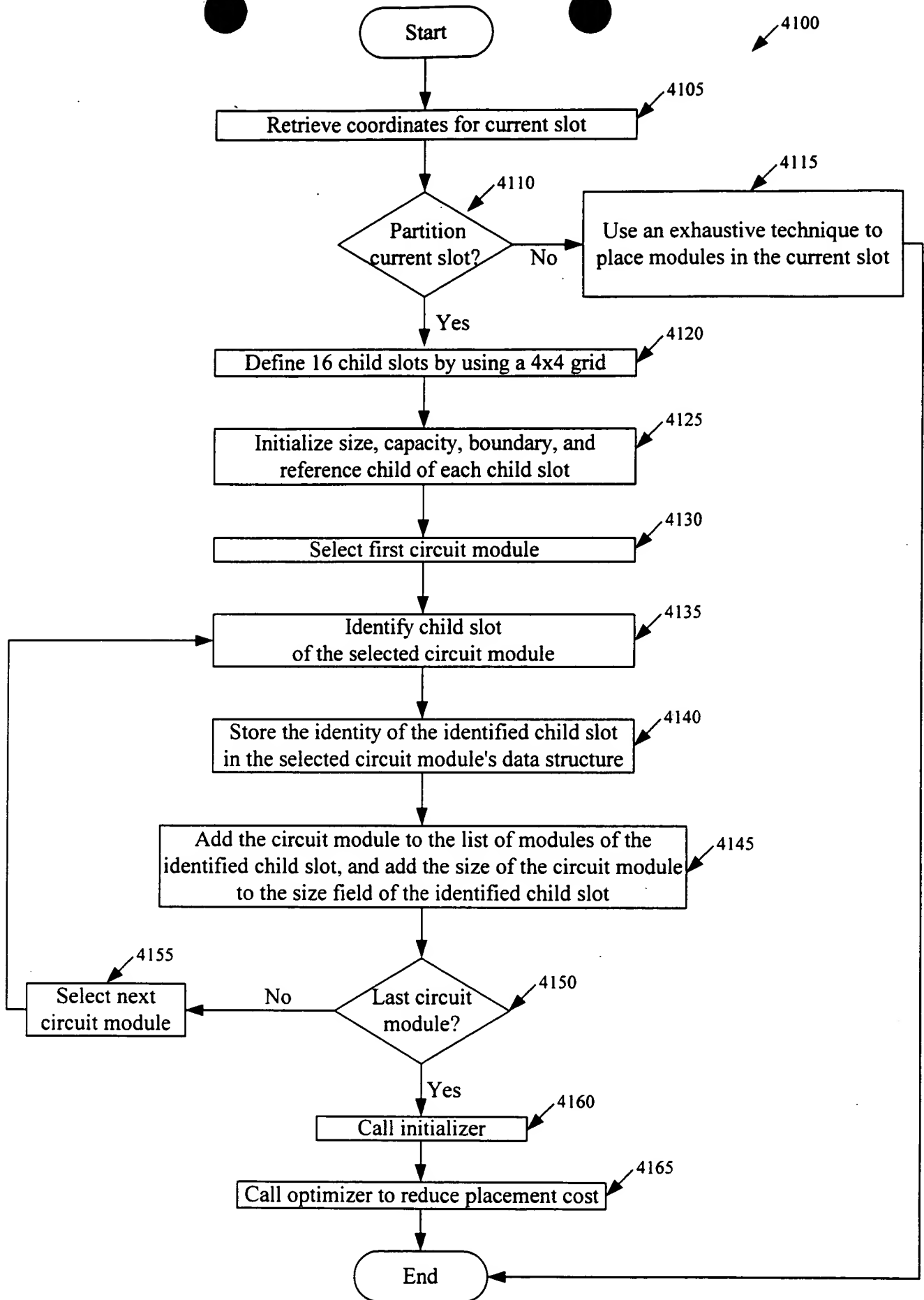


Figure 41

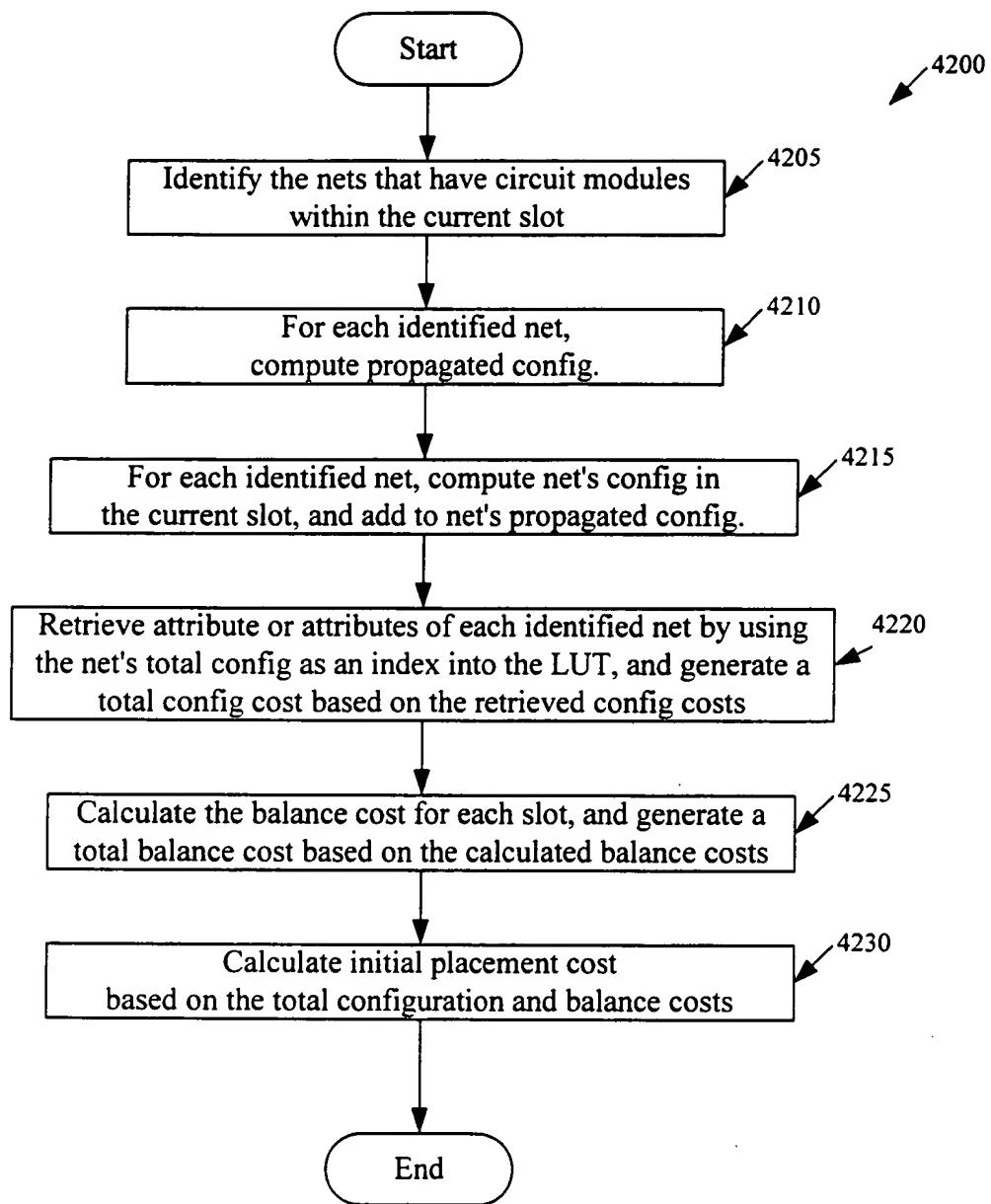


Figure 42

4300

$$\text{Data Structure} = \left[\sum_{net} F(\text{netconfig}, \text{path1}), \sum_{net} F(\text{netconfig}, \text{path2}), \sum_{net} F(\text{netconfig}, \text{path3}), \bullet \bullet \bullet \sum_{net} F(\text{netconfig}, \text{path42}) \right]$$

Figure 43

4405 ₁₃	4405 ₁₄	4405 ₁₅	4405 ₁₆
4405 ₉	<div> <div>4420</div> <div>↓</div> <div>■</div> </div>	4405 ₁₁	4405 ₁₂
<div> <div>4425</div> <div>↓</div> <div>■</div> </div>	<div> <div>13</div> <div>14</div> <div>15</div> <div>16</div> </div>	<div> <div>4405₆</div> <div>↘</div> <div>4415</div> </div>	4405 ₈
4405 ₅	<div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> </div>	4405 ₇	
	<div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> </div>		
	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> </div>		
4405 ₁	<div> <div>■</div> <div>↑</div> <div>4410</div> </div>	4405 ₃	4405 ₄

Figure 44

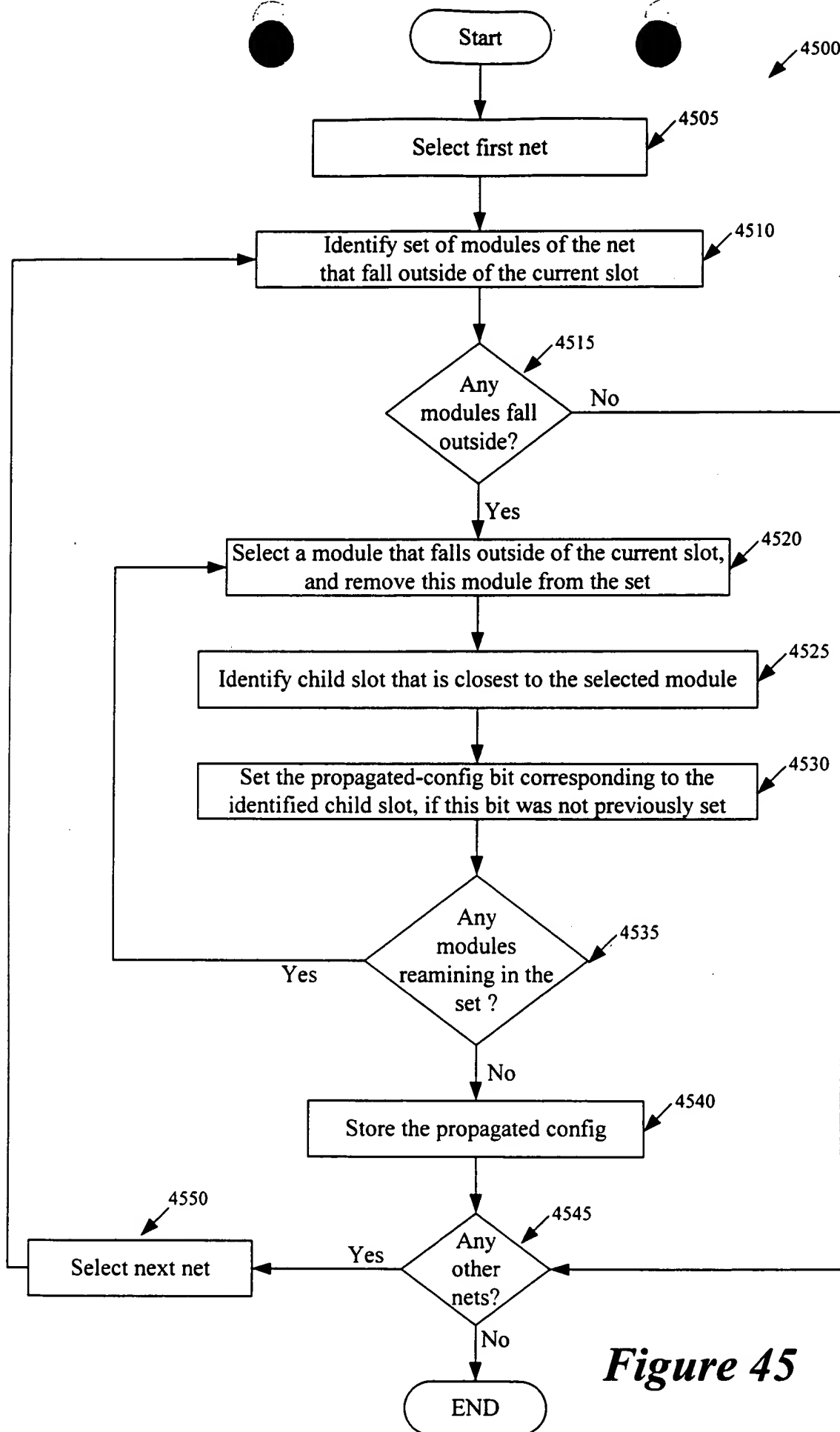


Figure 45

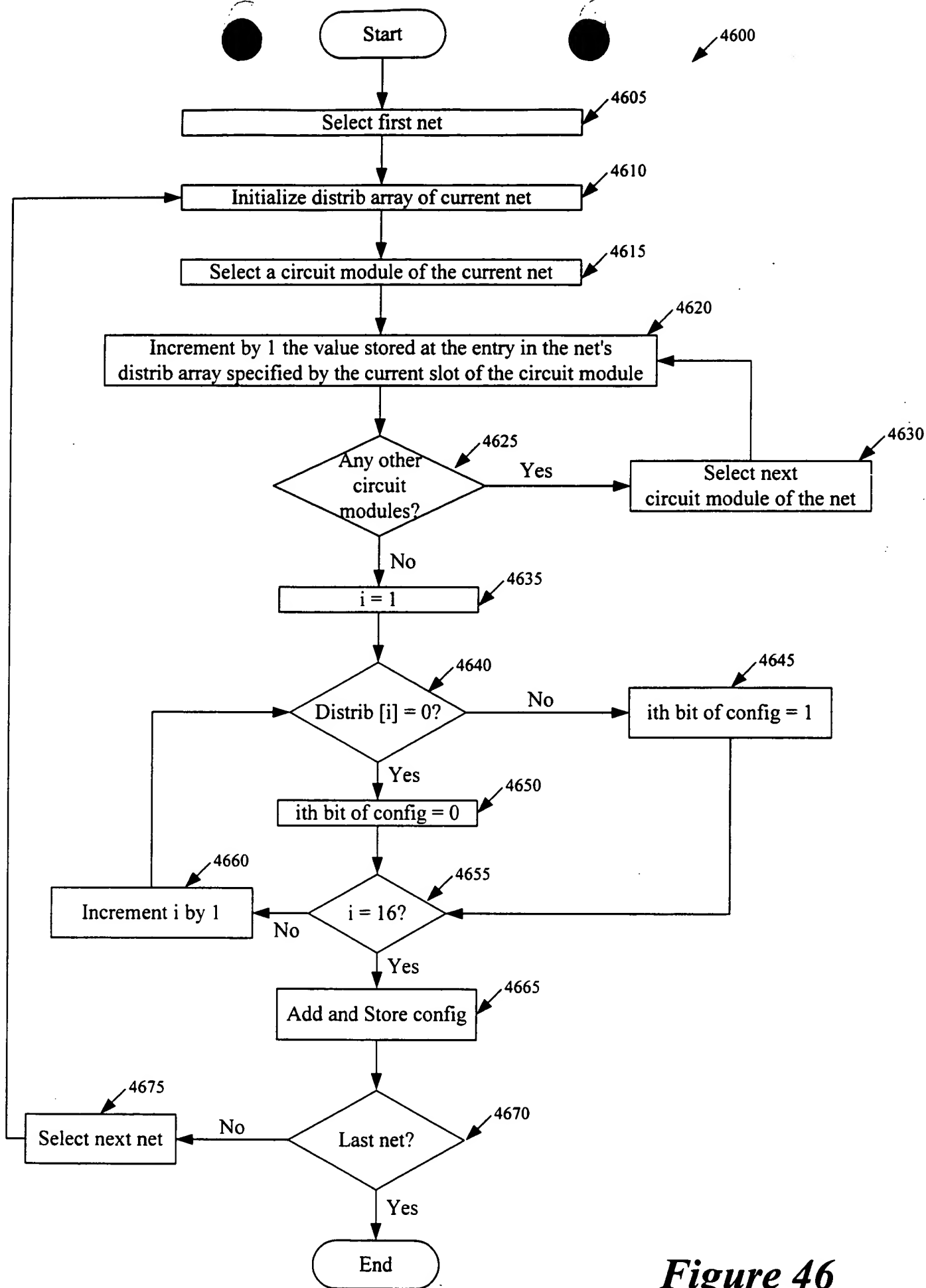


Figure 46

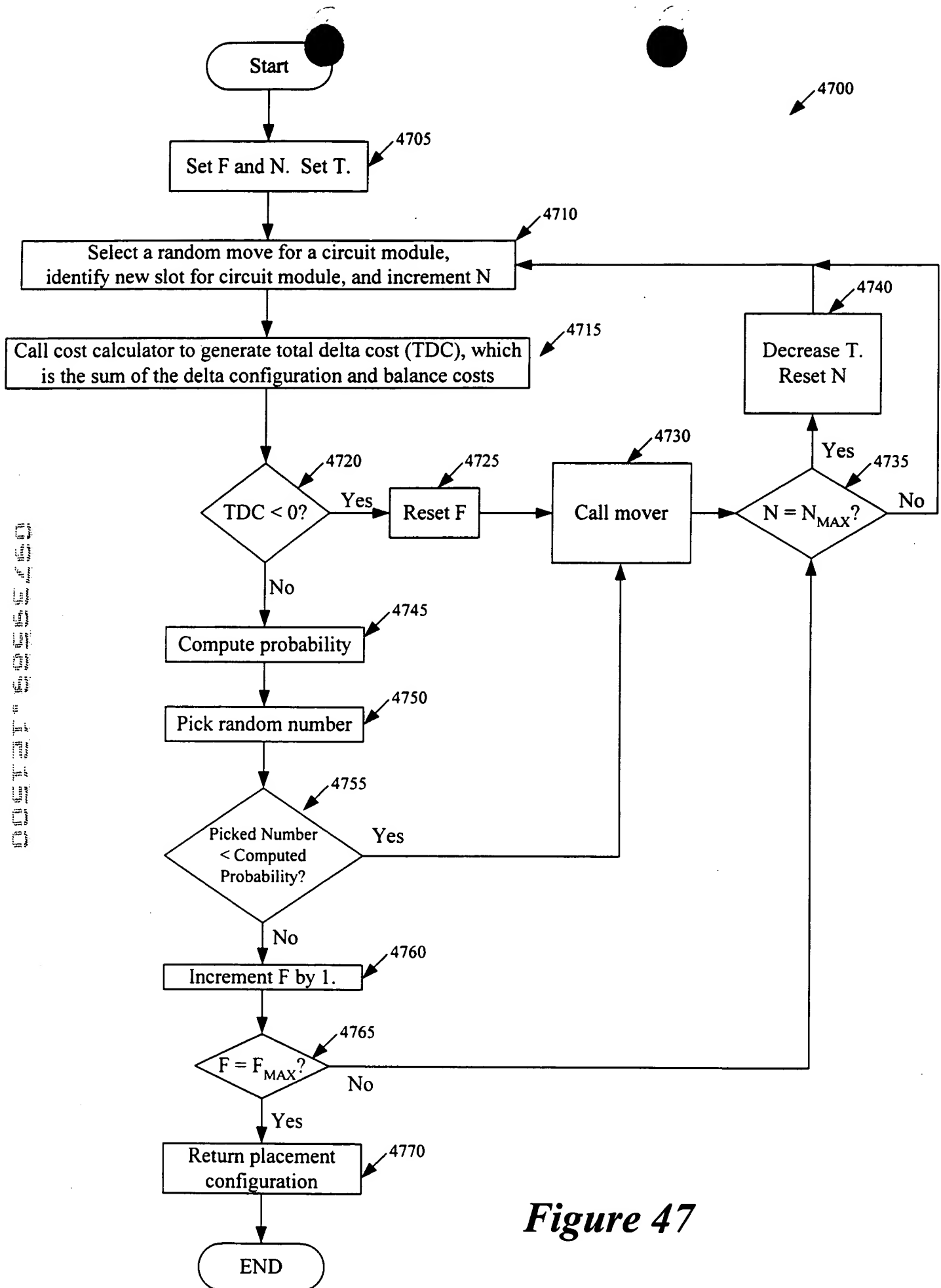


Figure 47

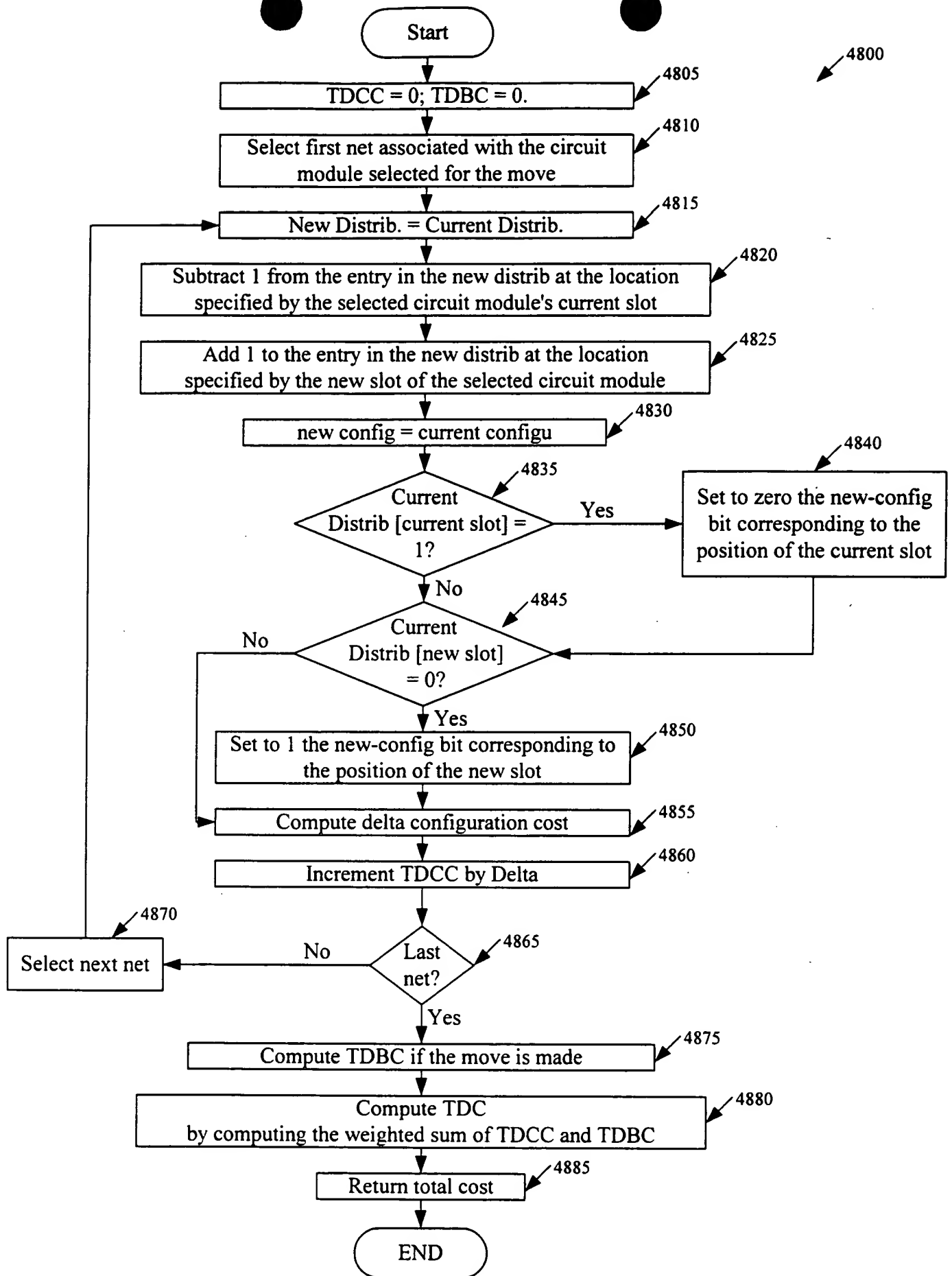


Figure 48

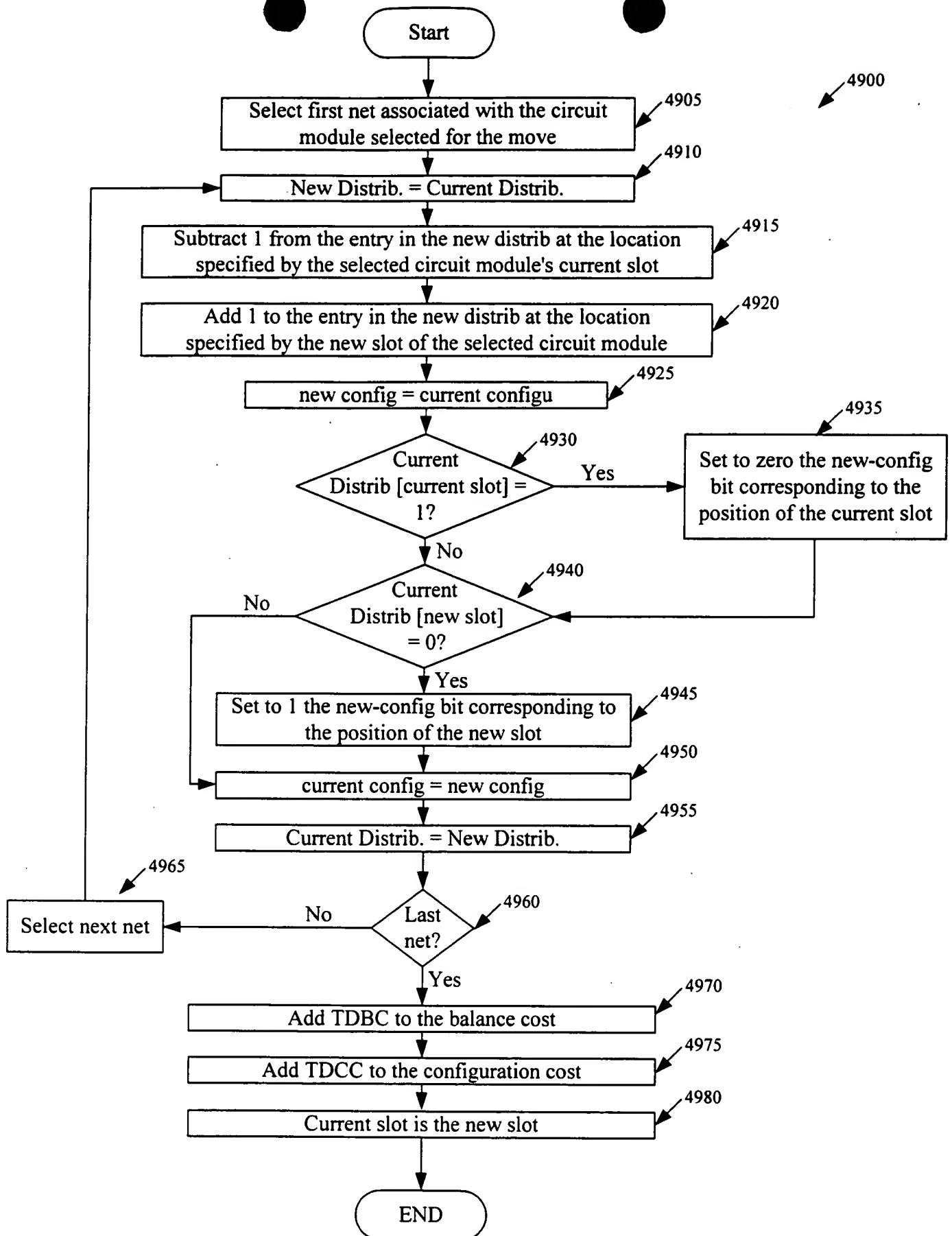


Figure 49

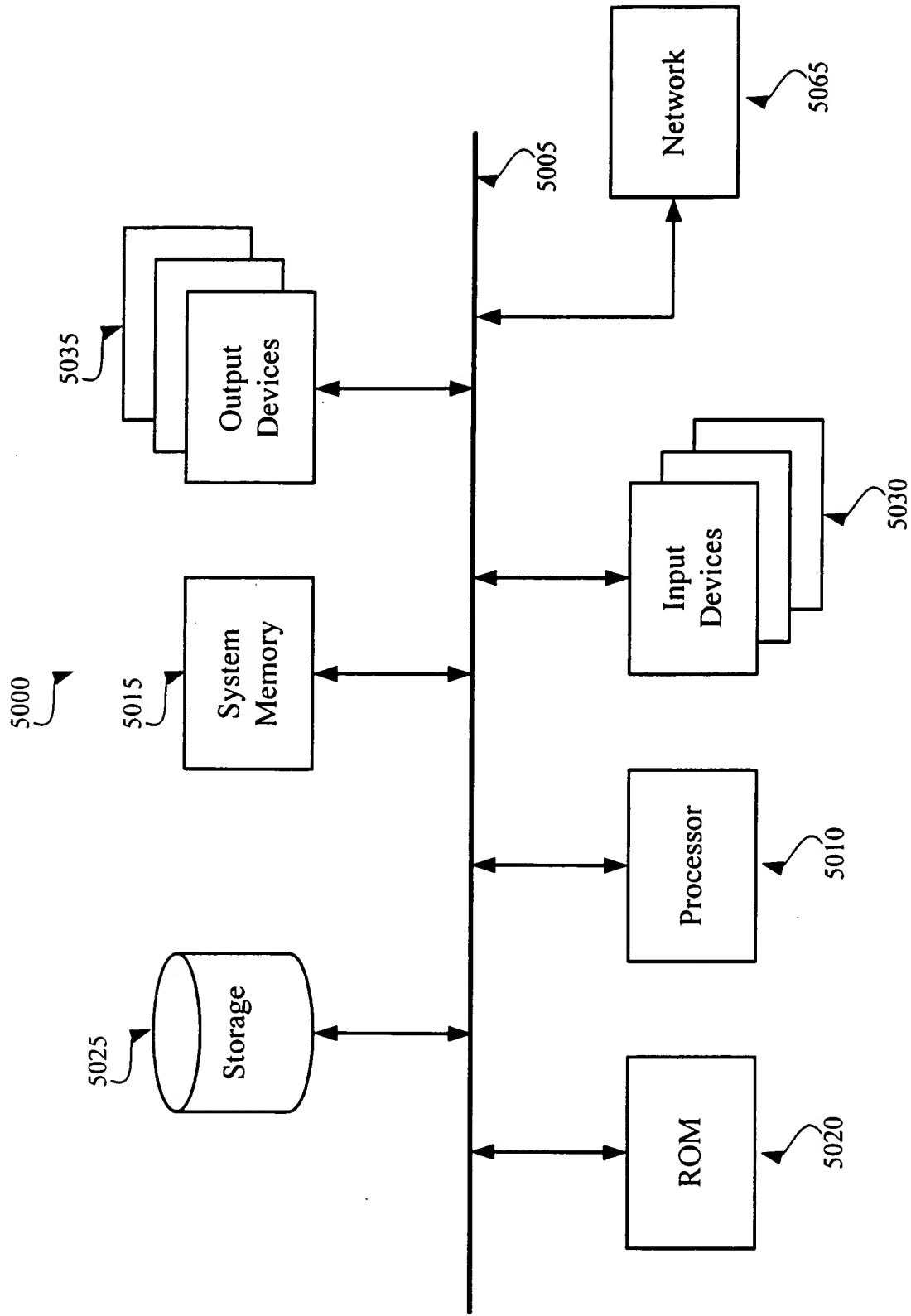


Figure 50